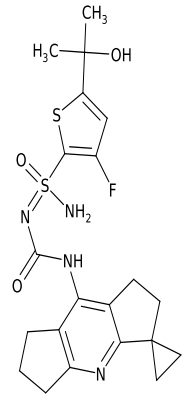
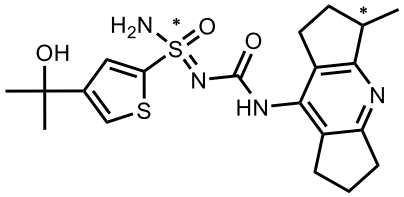
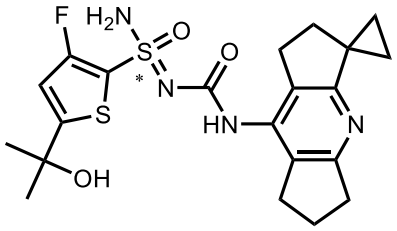
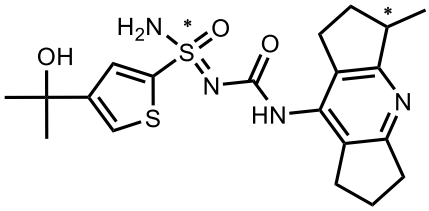
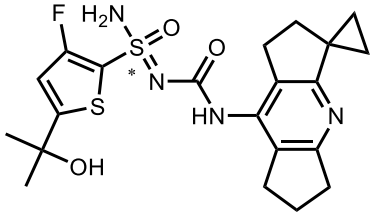
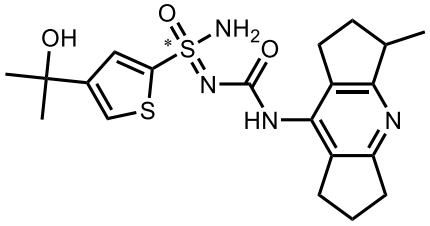
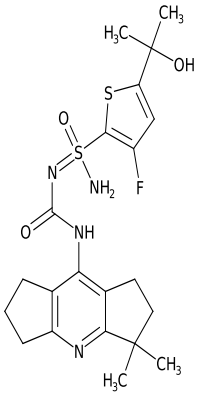
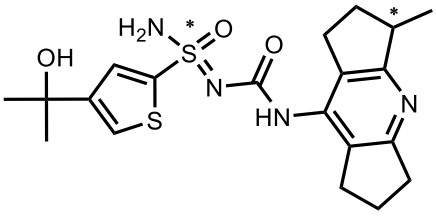
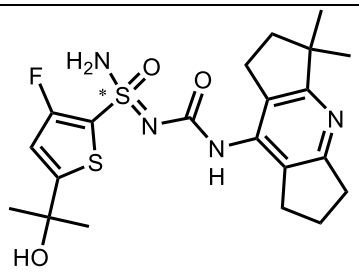
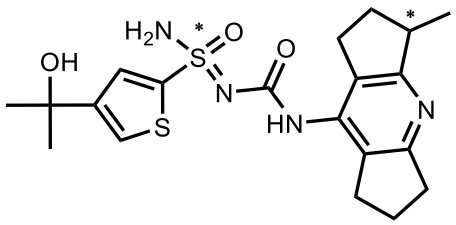
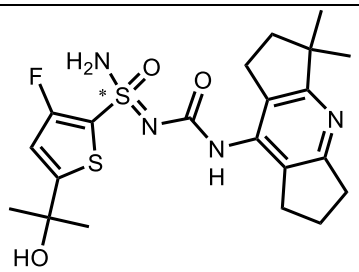
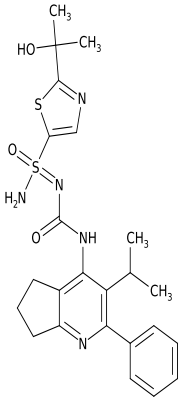
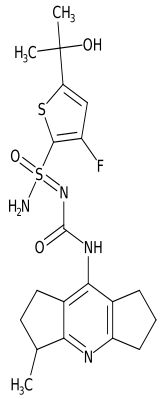
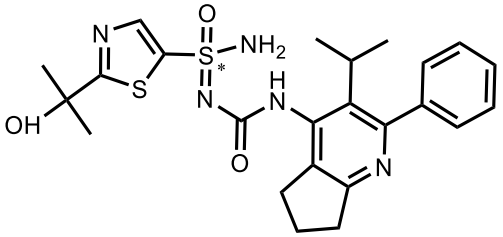
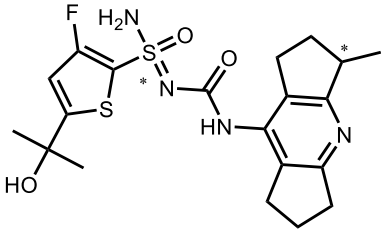
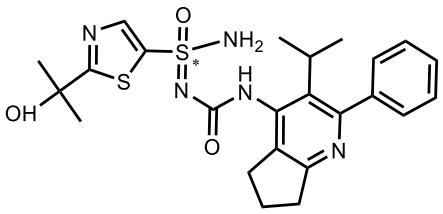
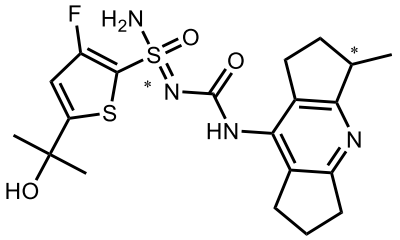
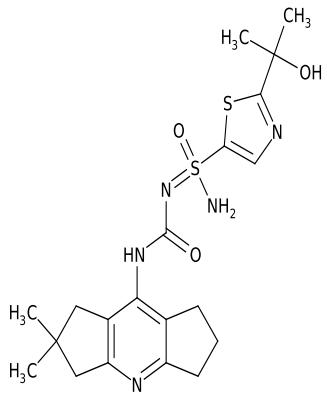
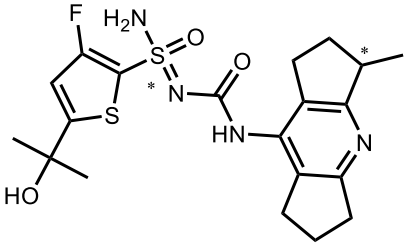
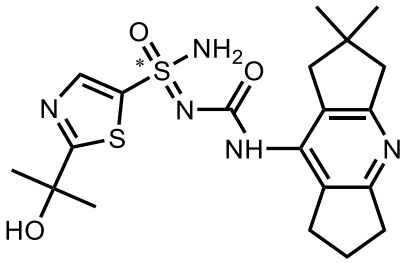
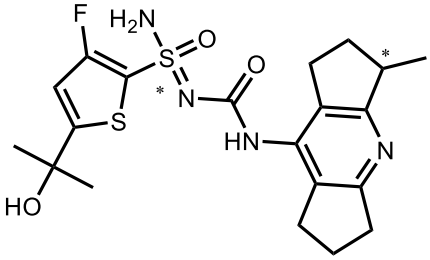
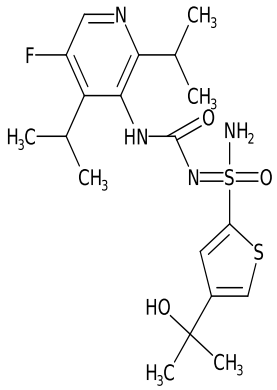
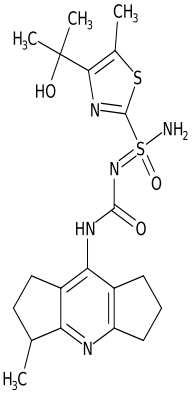
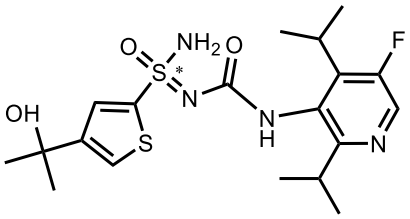
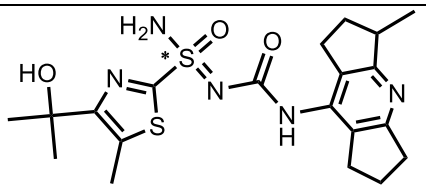
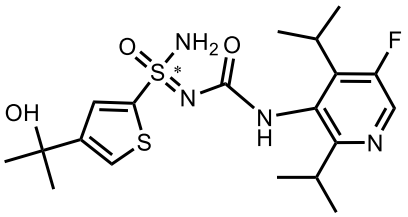
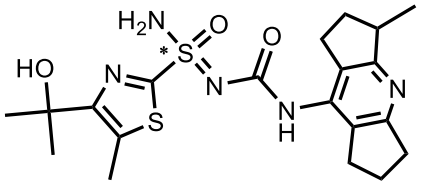
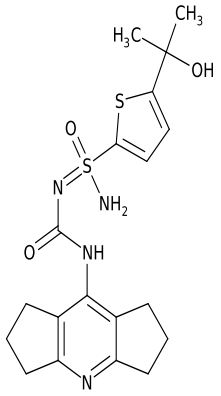
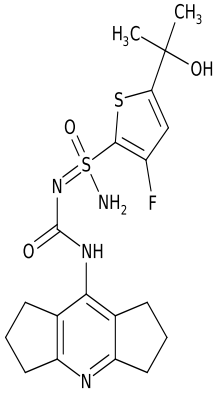
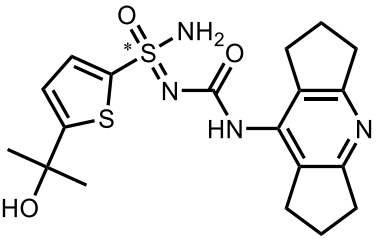
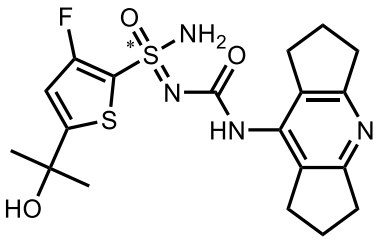
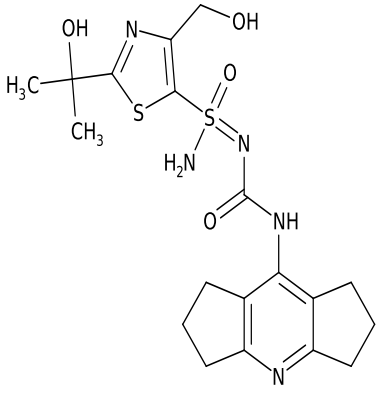
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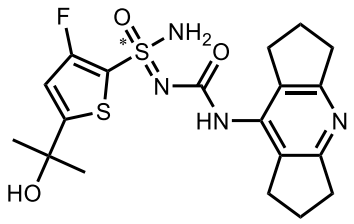
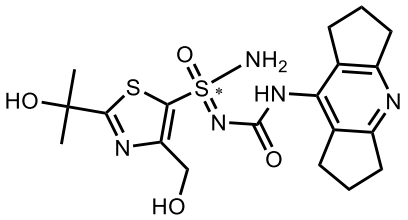
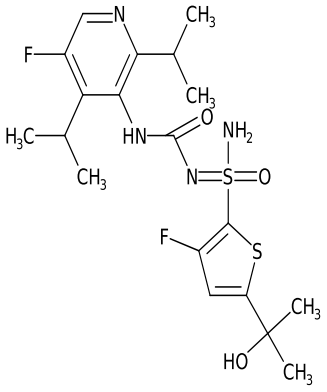
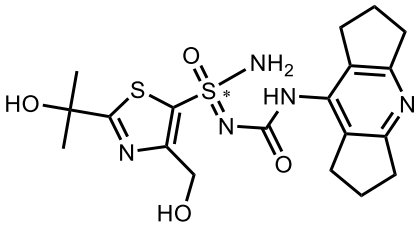
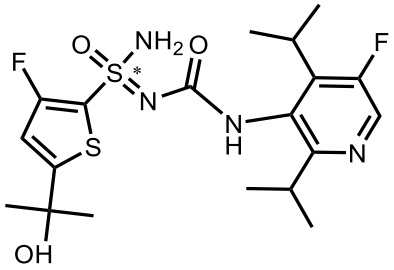
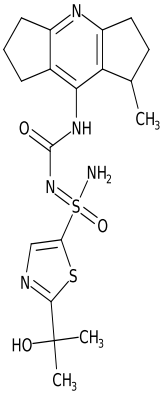
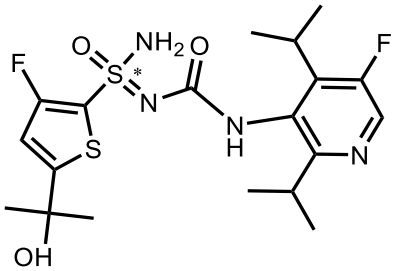
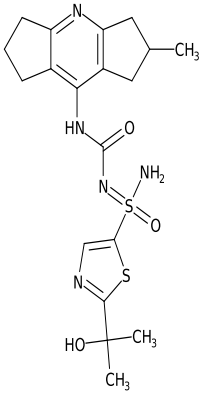
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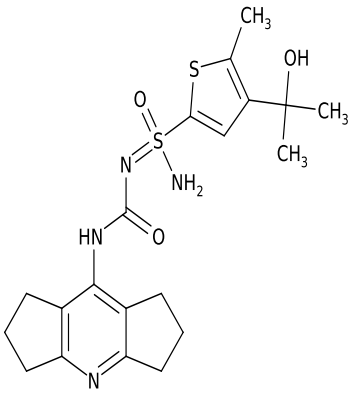
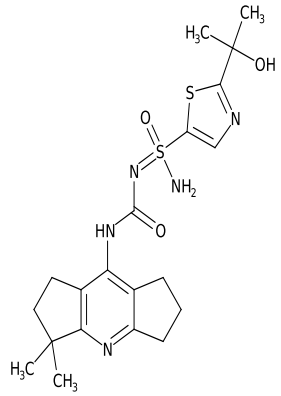
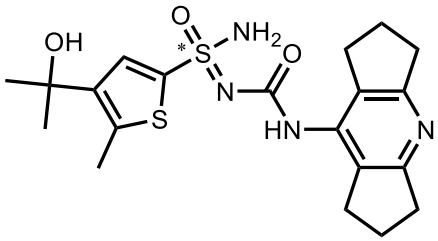
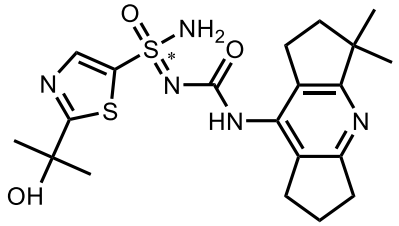
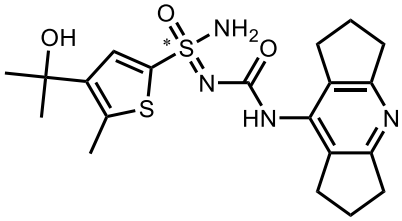
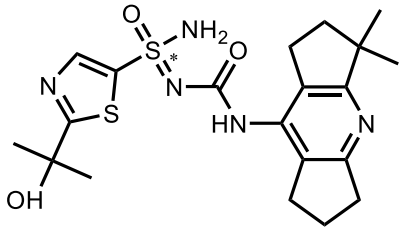
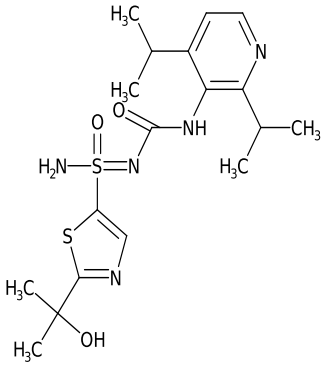
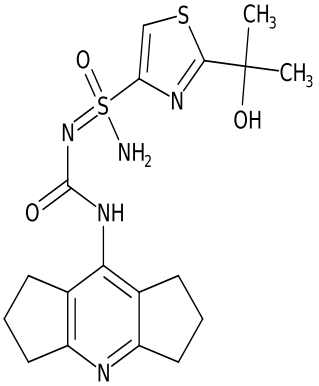
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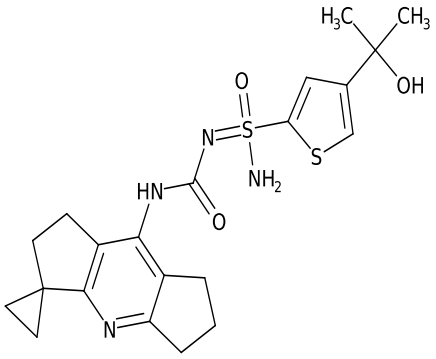
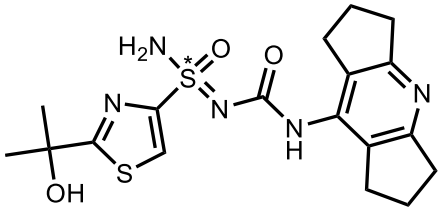
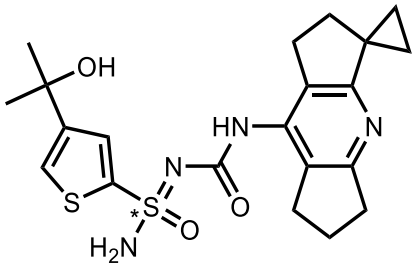
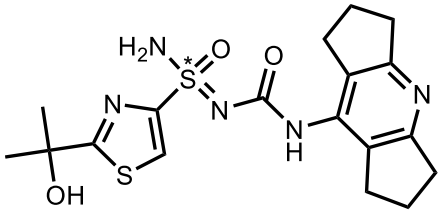
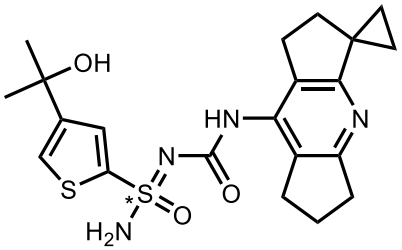
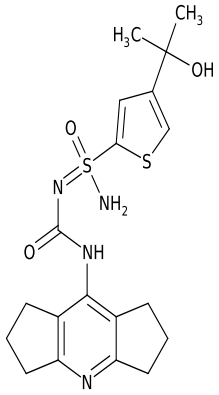
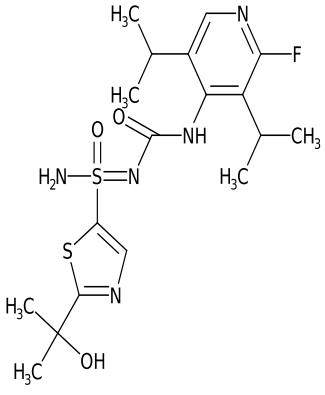
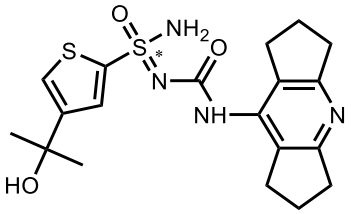
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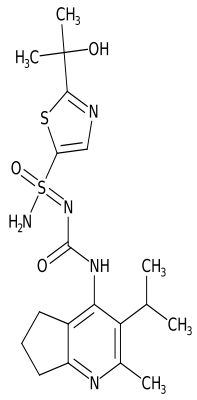
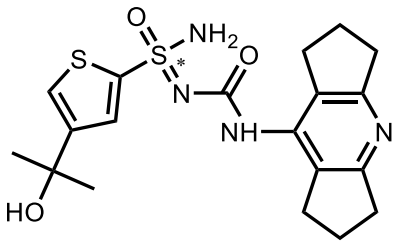
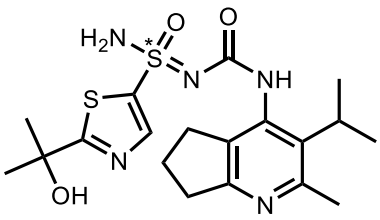
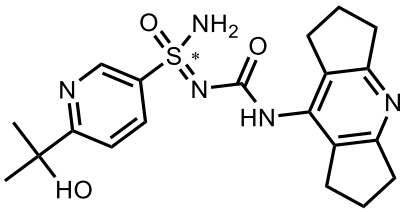
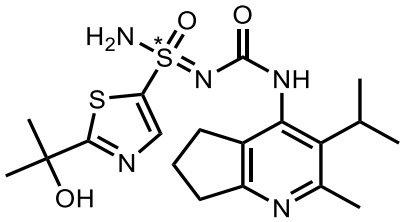
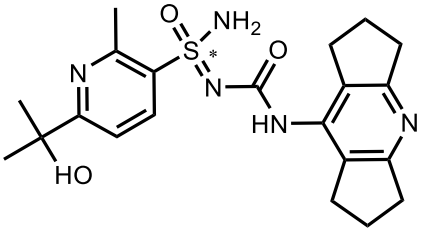
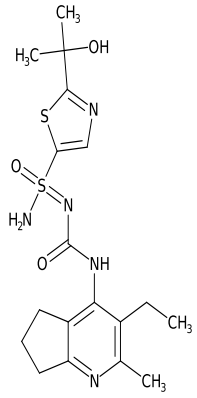
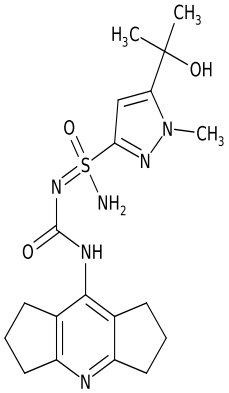
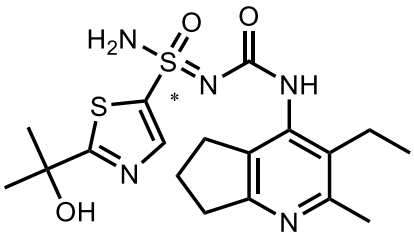
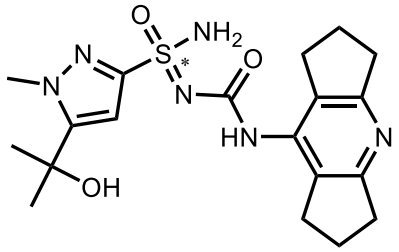
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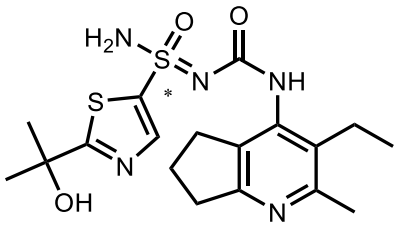
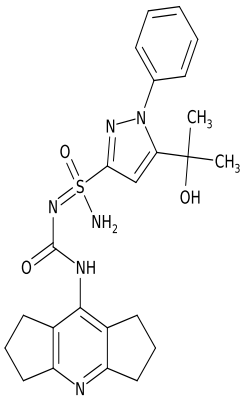
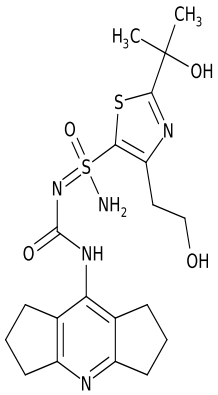
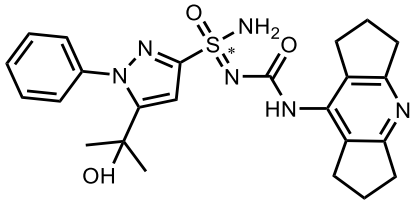
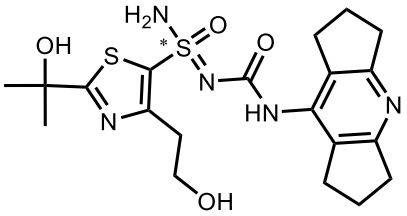
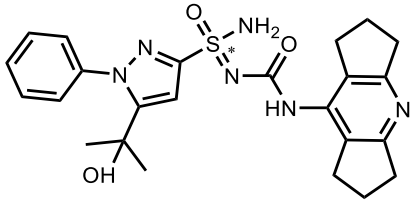
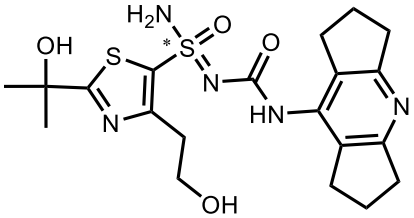
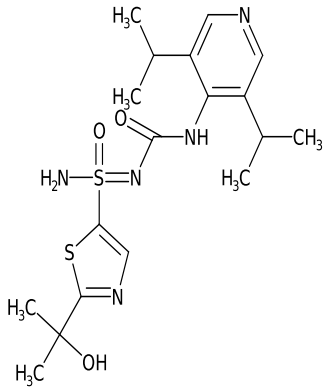
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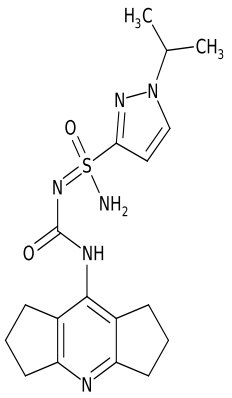
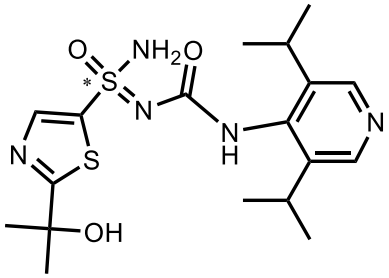
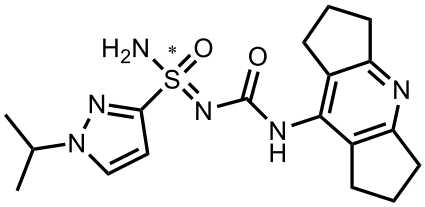
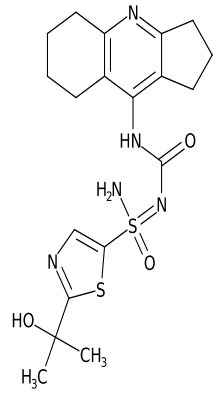
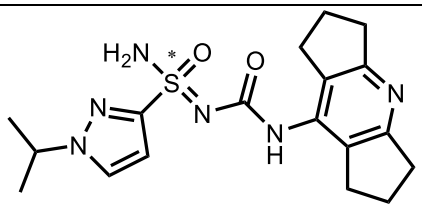
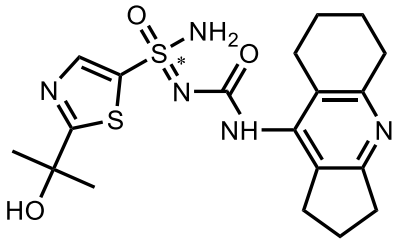
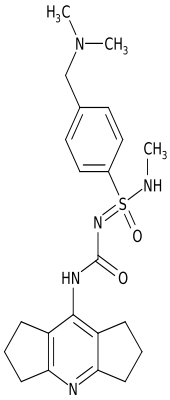
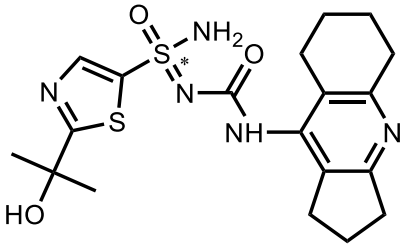
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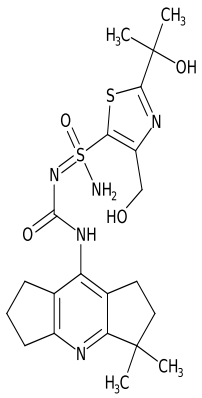
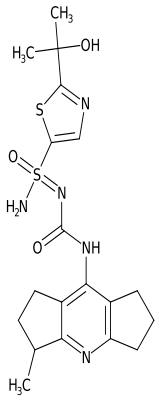
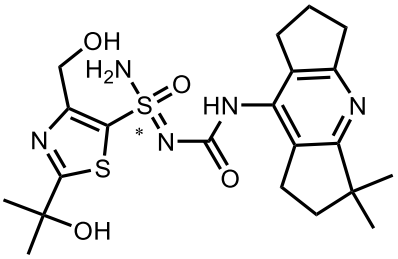
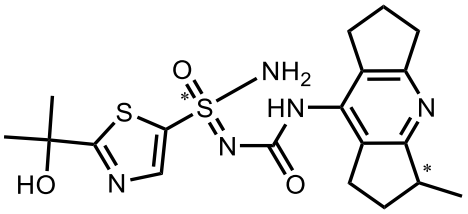
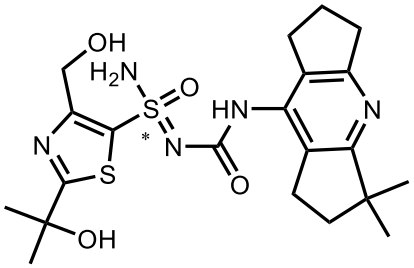
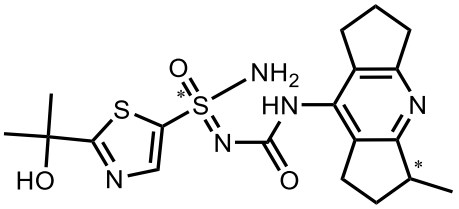
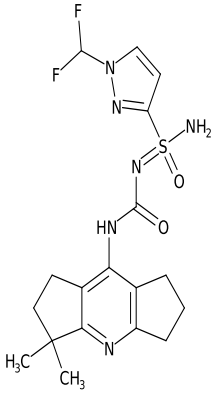
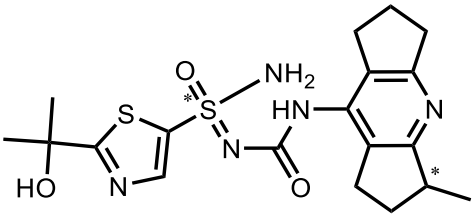
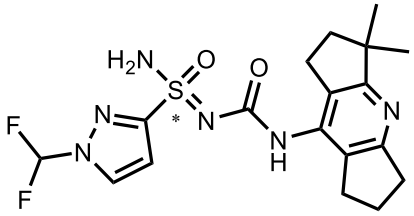
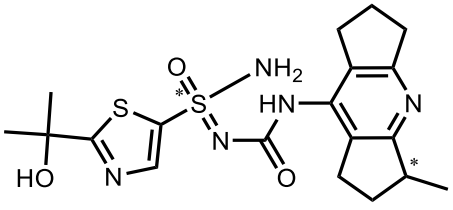
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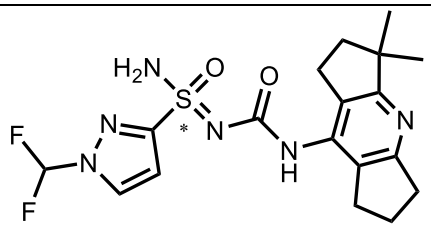
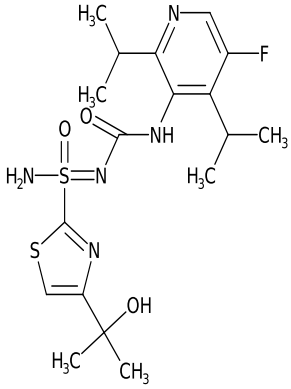
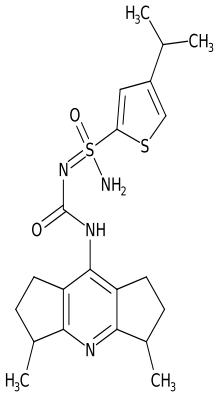
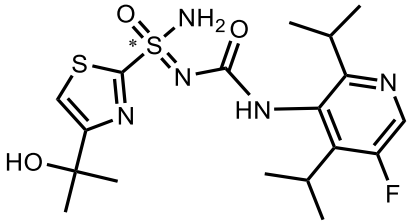
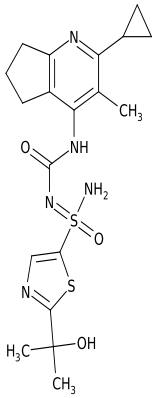
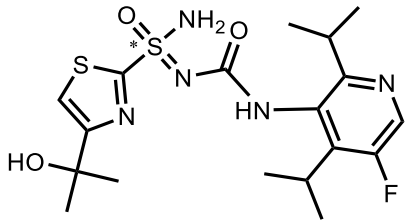
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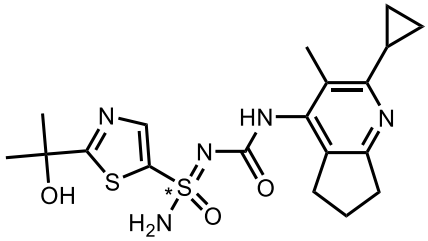
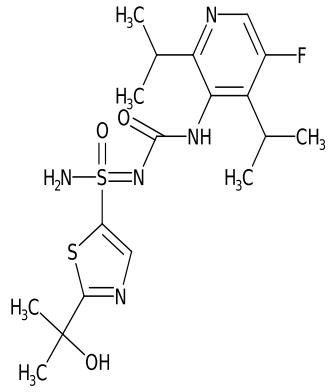
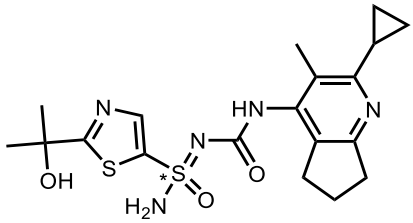
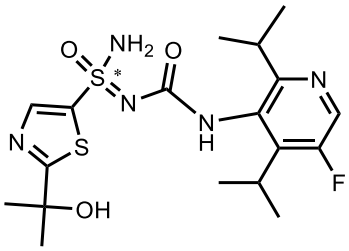
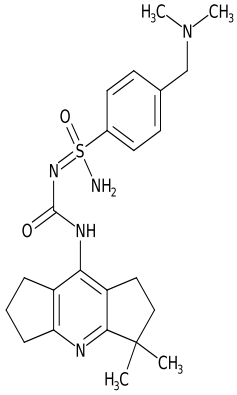
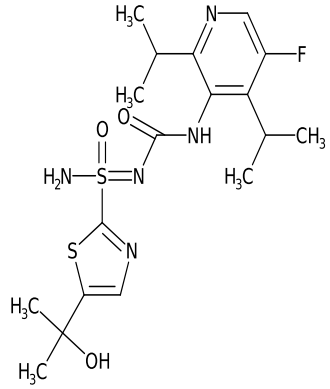
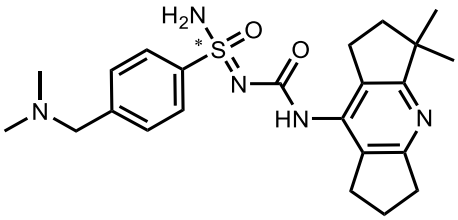
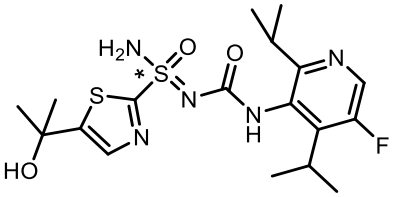
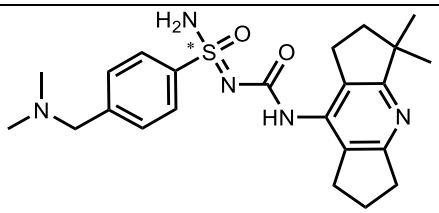
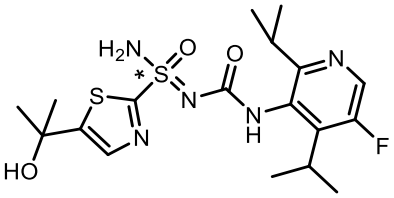
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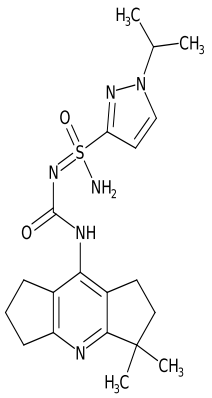
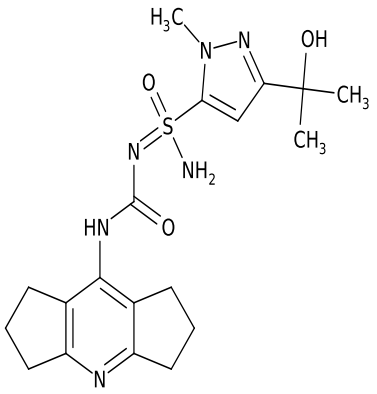
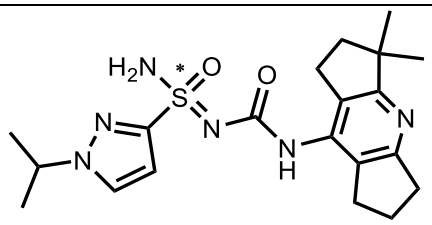
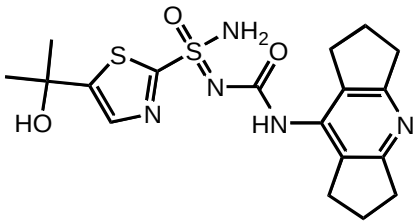
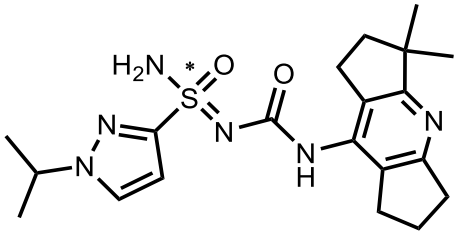
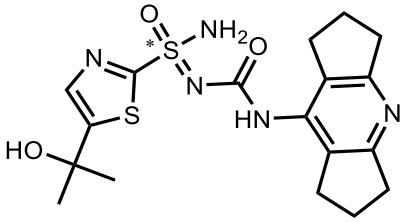
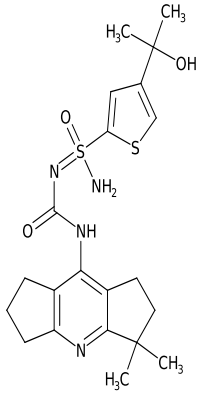
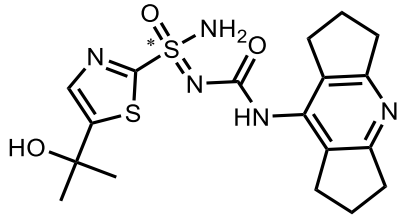
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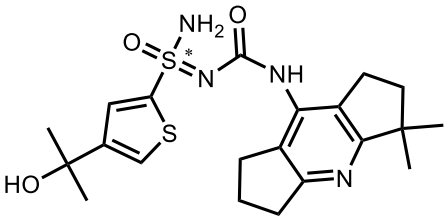
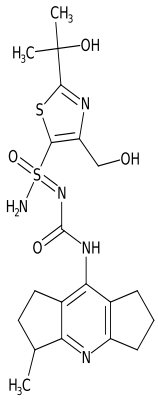
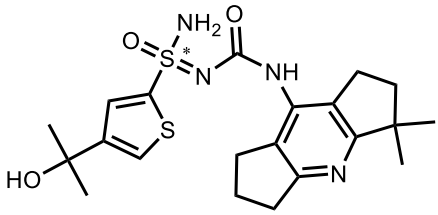
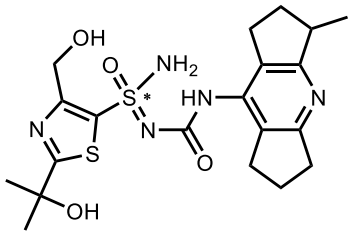
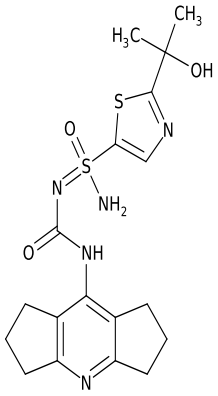
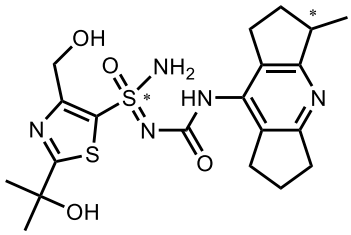
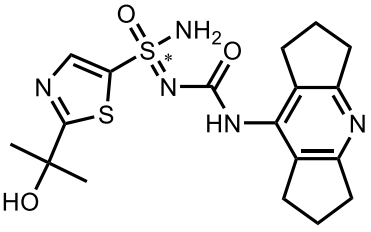
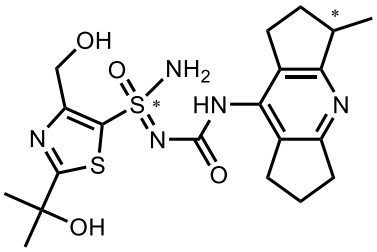
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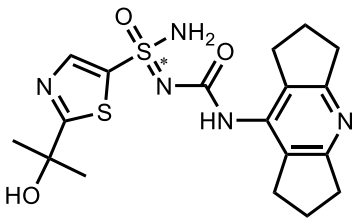
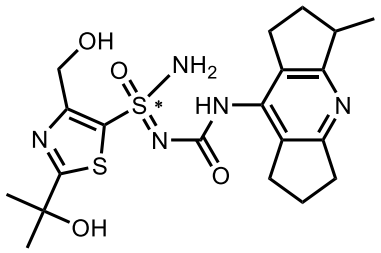
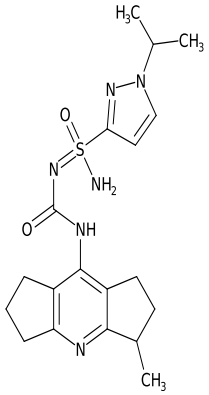
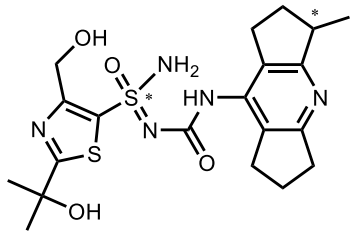
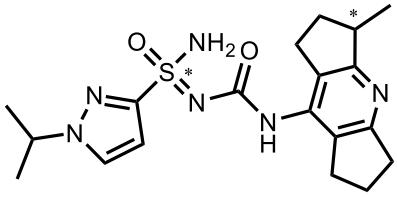
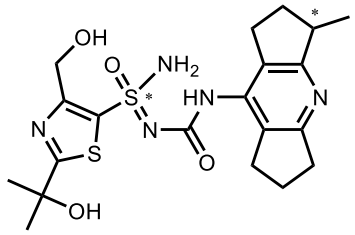
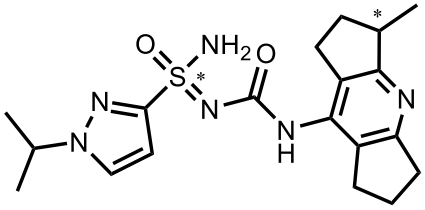
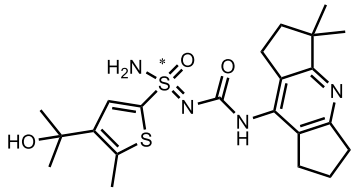
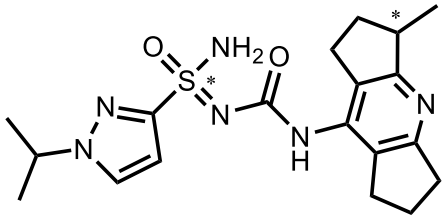
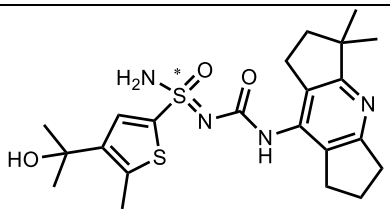
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121b		**162ab**	
122		**162ba**	
122a		**162bb**	

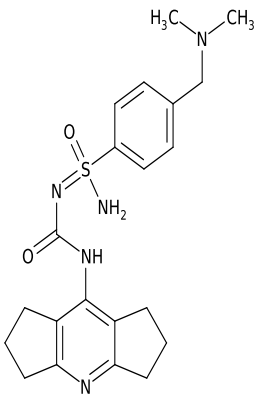
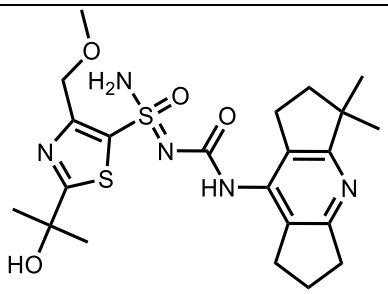
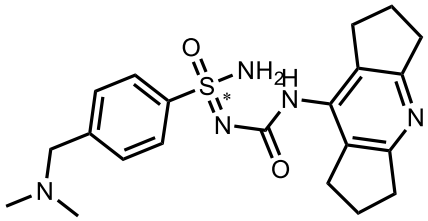
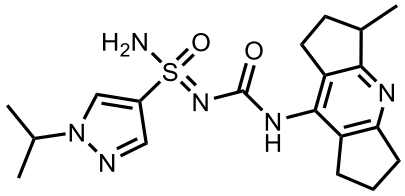
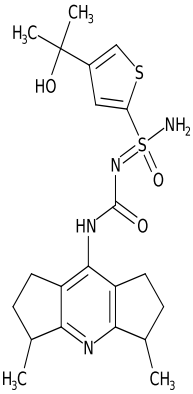
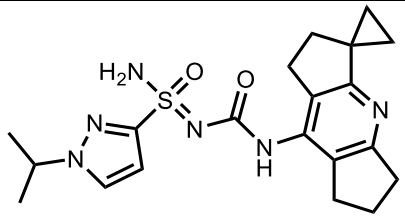
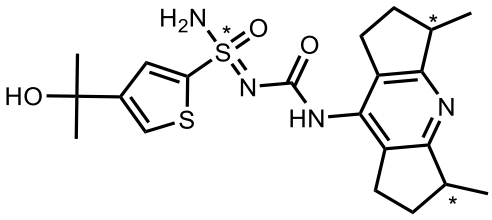
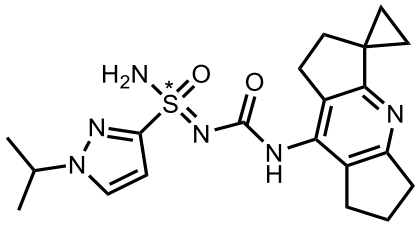
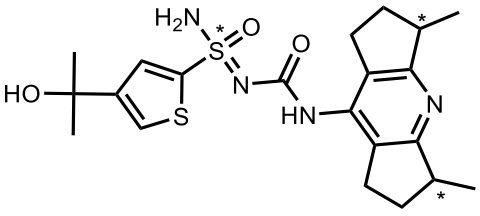
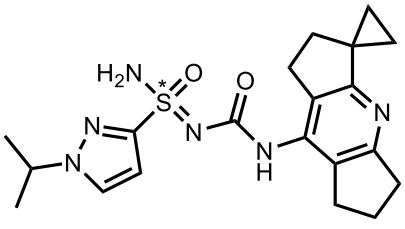
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123		**163a**	
124		**163b**	

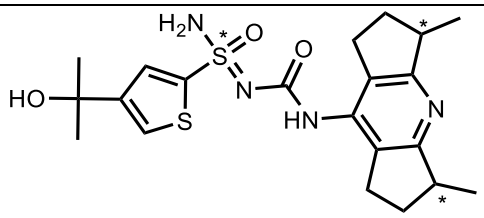
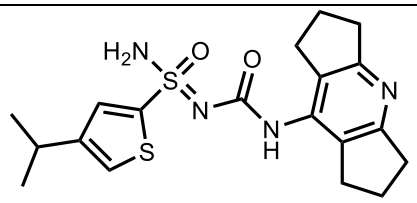
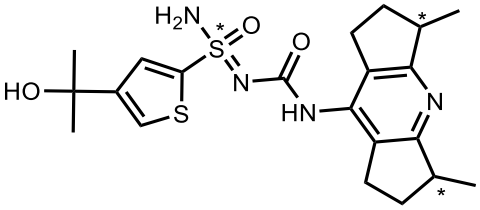
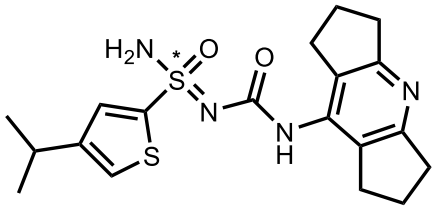
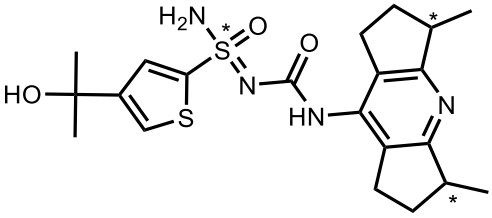
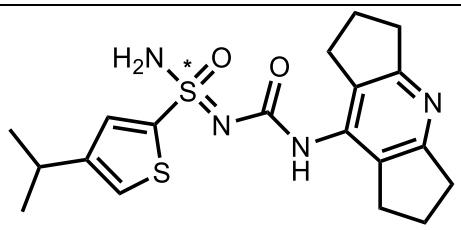
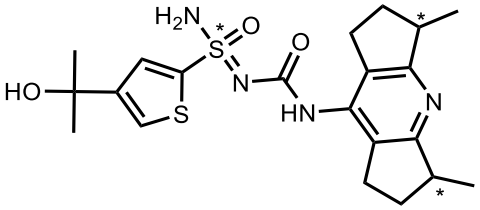
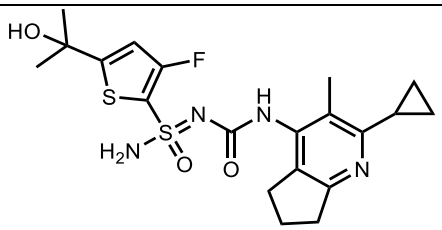
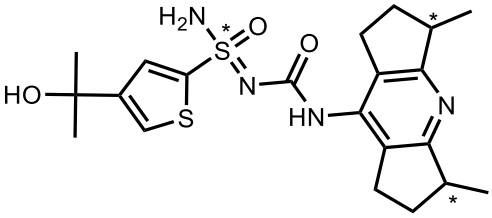
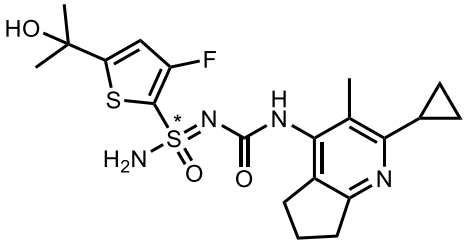
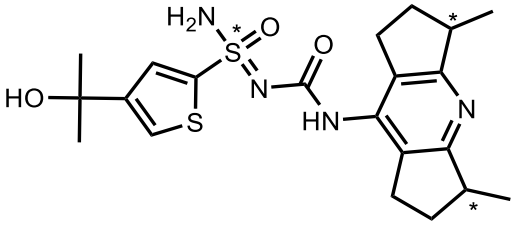
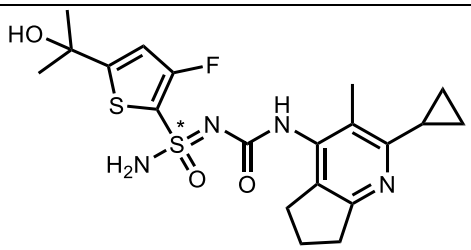
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125a		**165a**	
125b		**165b**	

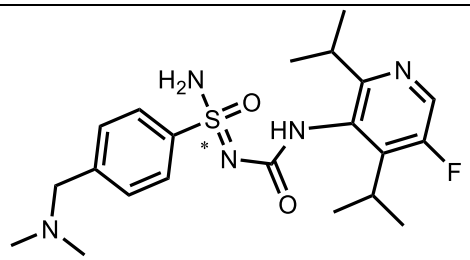
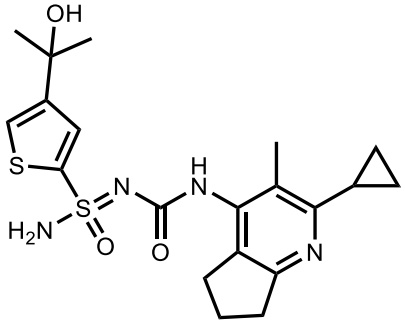
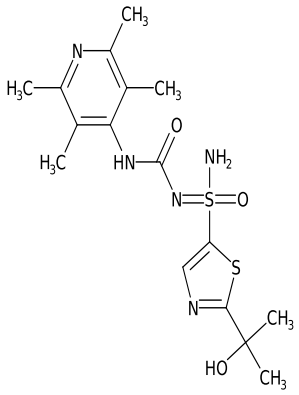
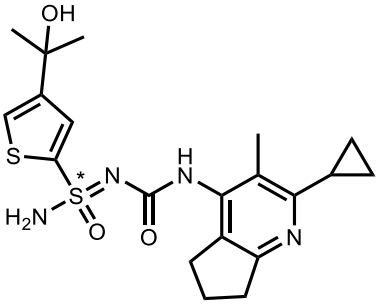
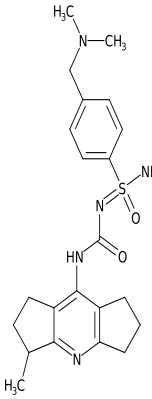
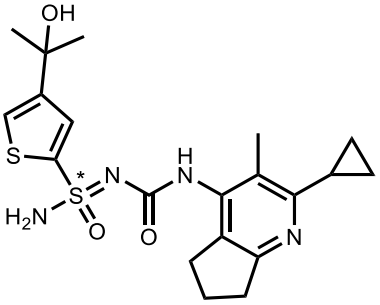
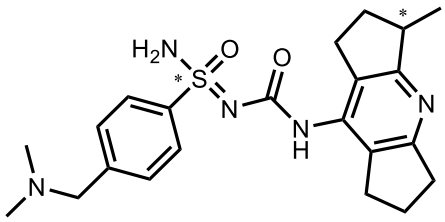
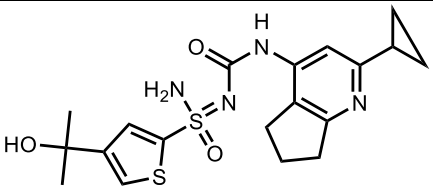
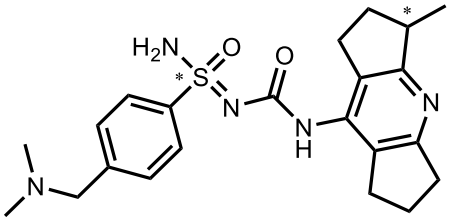
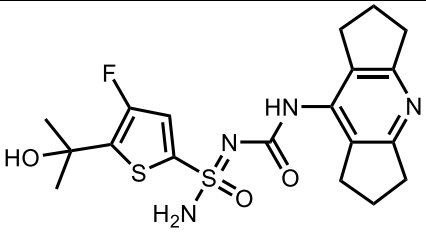
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126a		**167**	
126b		**167a**	
127		**167b**	

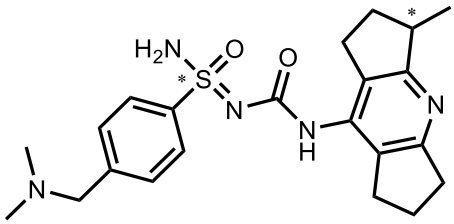
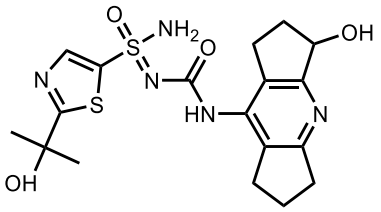
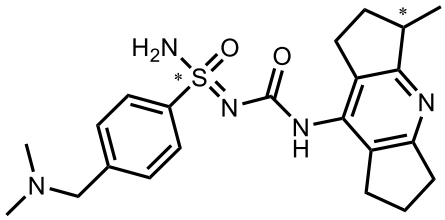
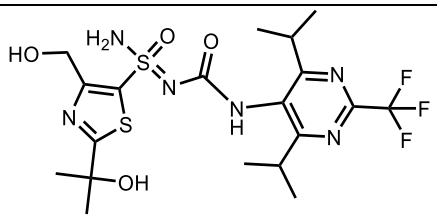
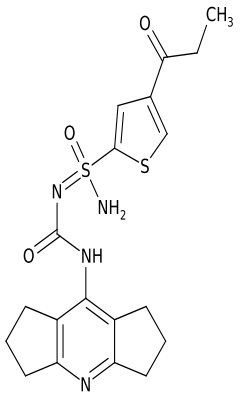
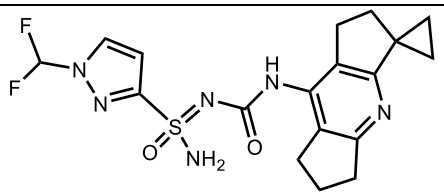
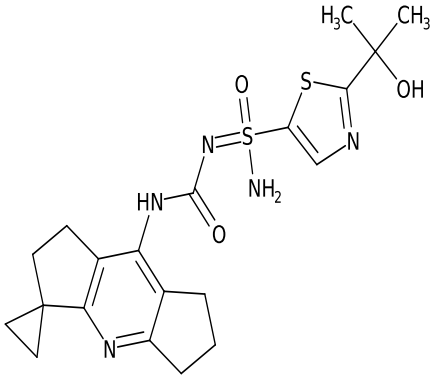
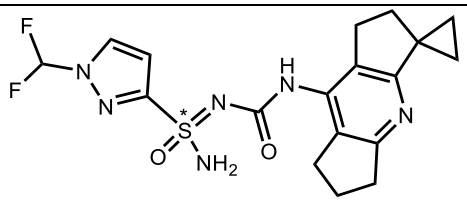
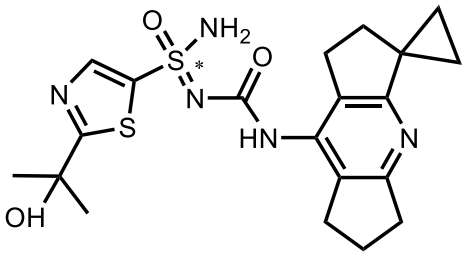
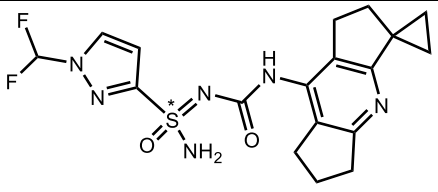
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127b		**168a**	
128		**168aa**	
128a		**168ab**	

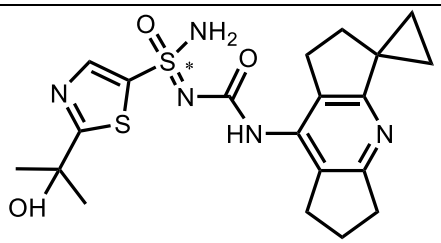
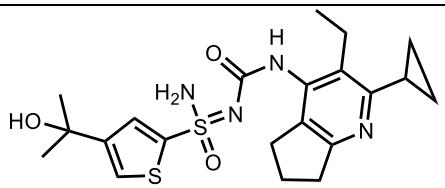
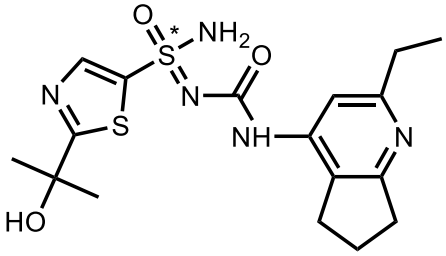
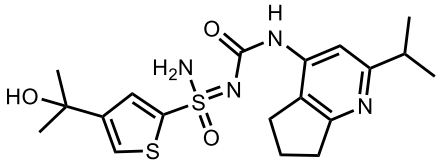
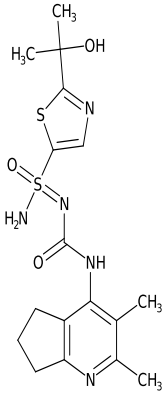
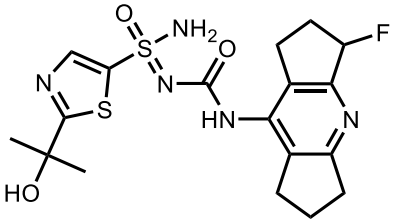
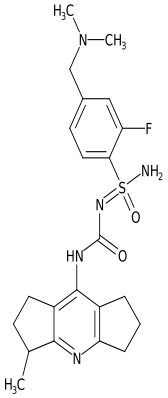
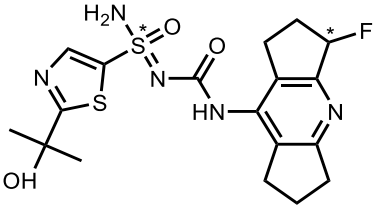
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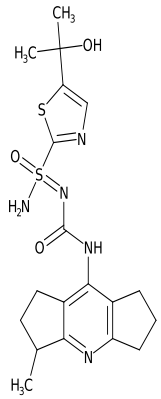
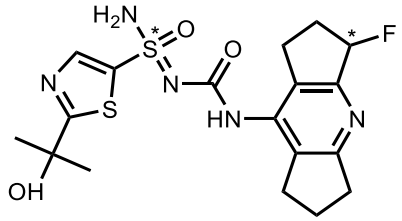
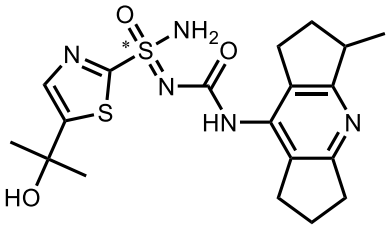
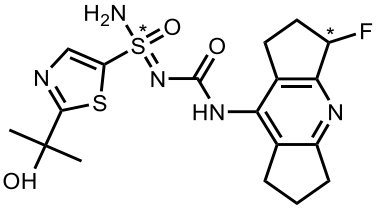
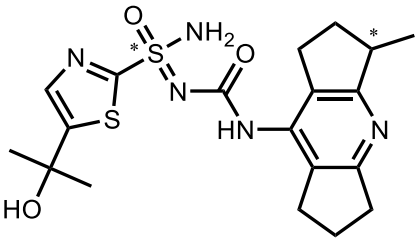
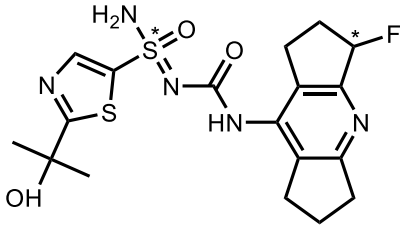
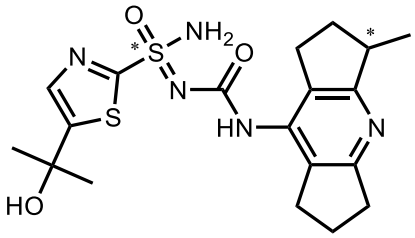
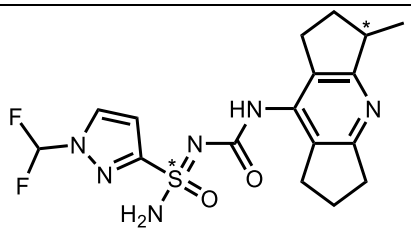
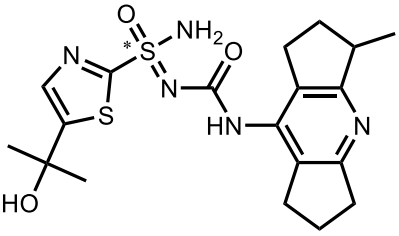
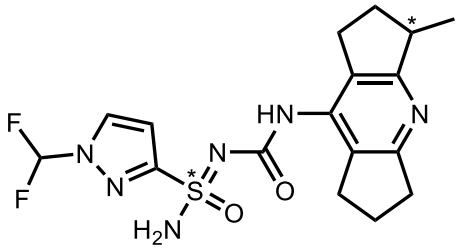
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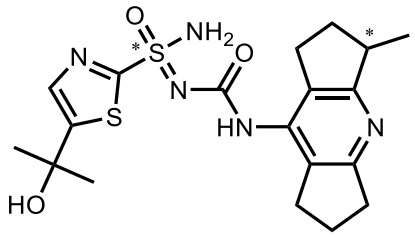
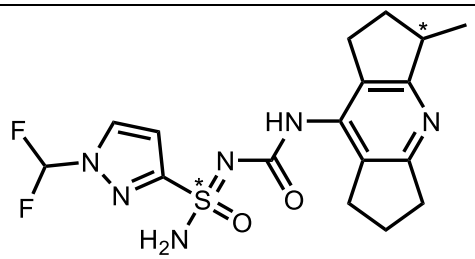
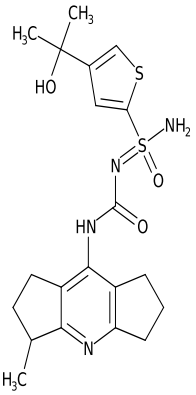
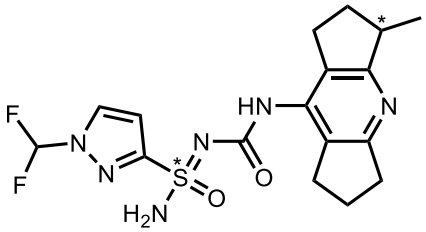
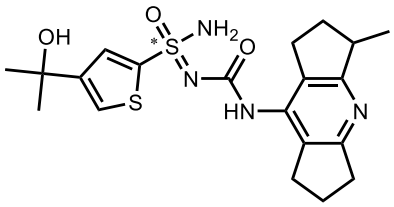
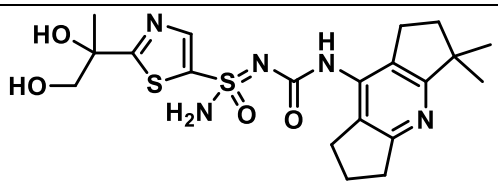
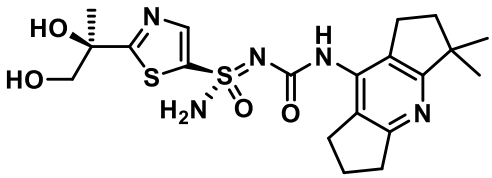
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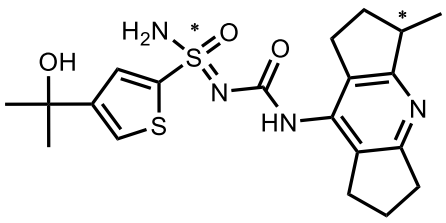
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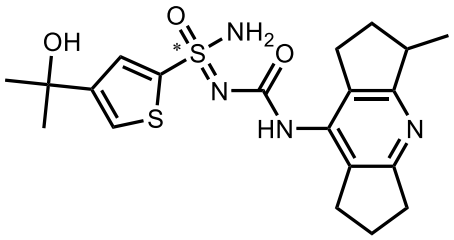
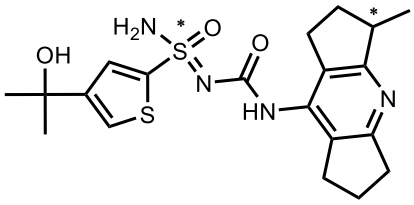
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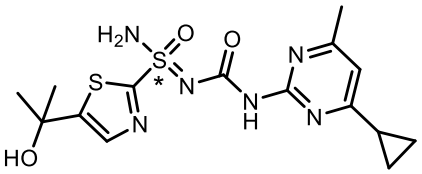
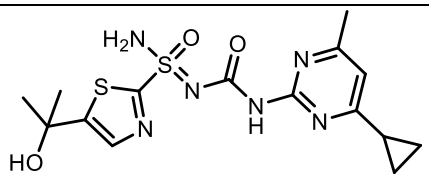
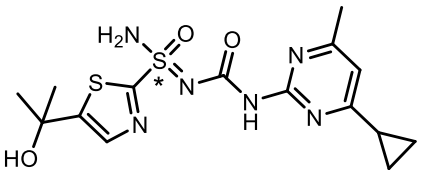
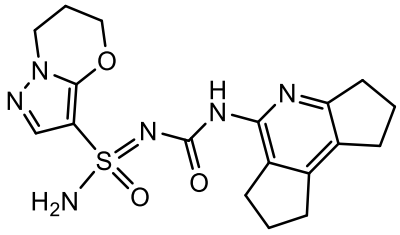
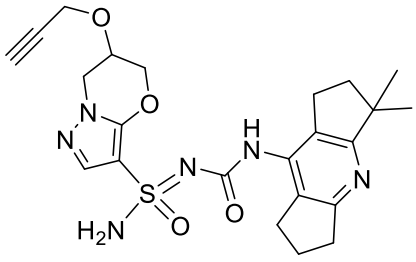
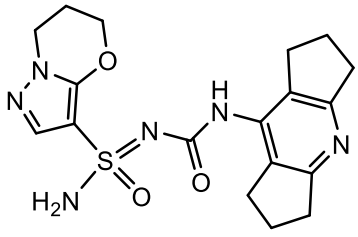
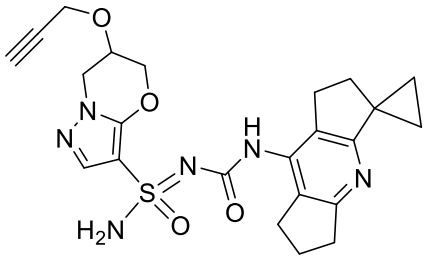
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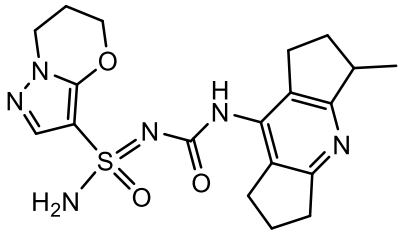
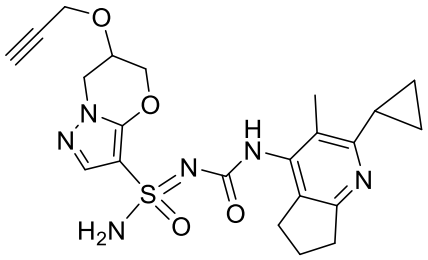
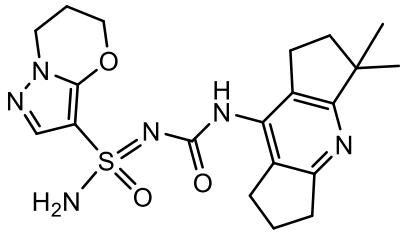
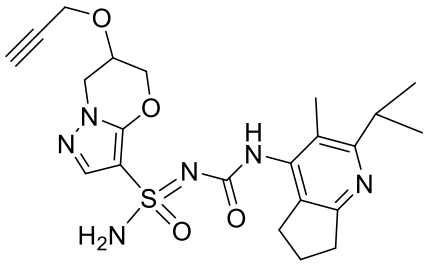
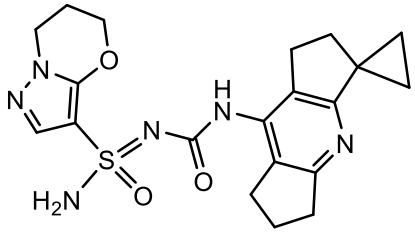
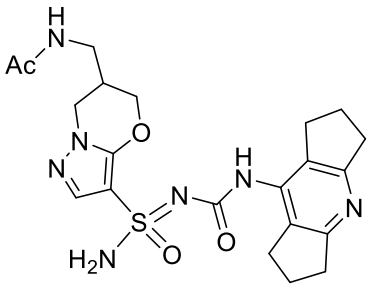
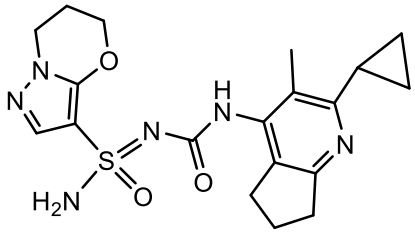
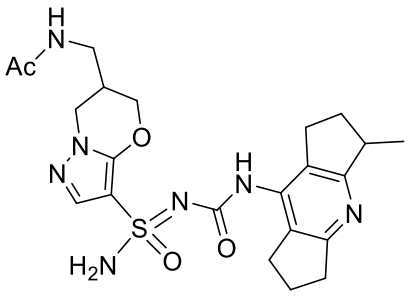
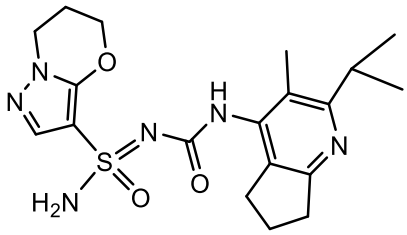
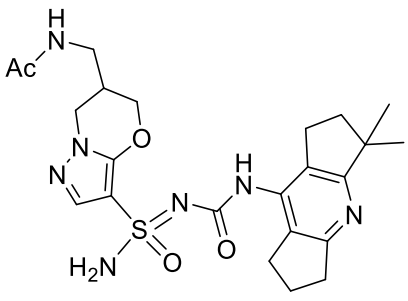
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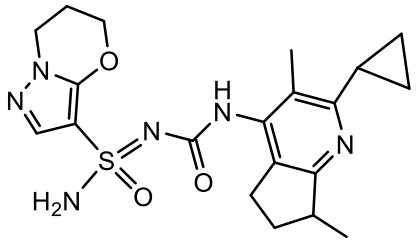
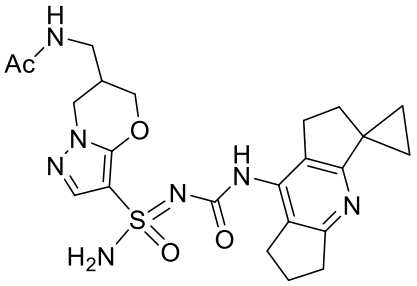
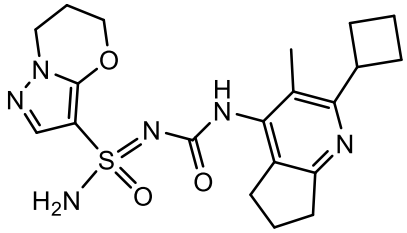
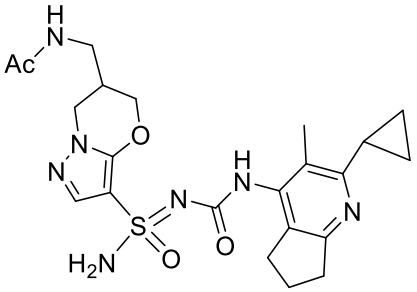
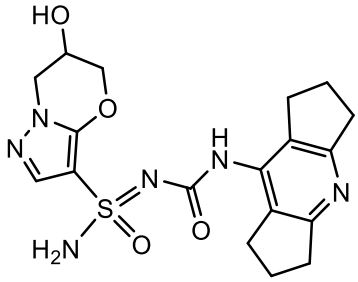
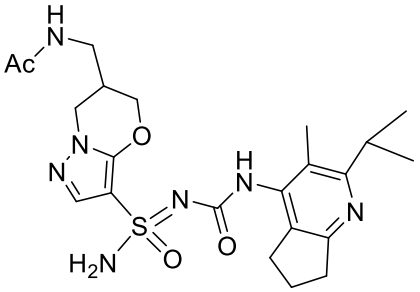
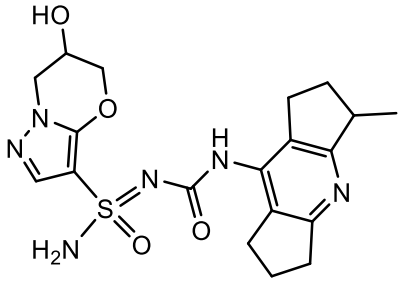
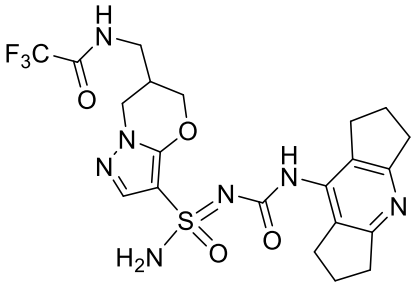
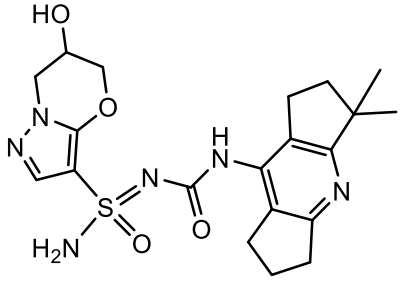
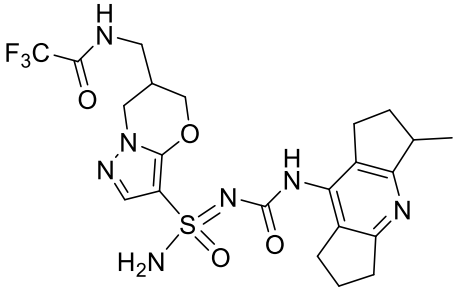
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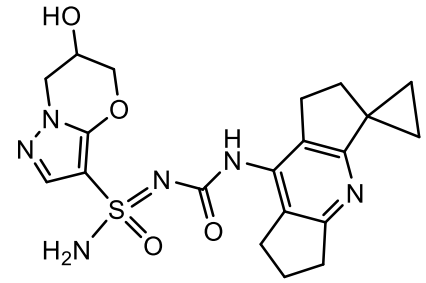
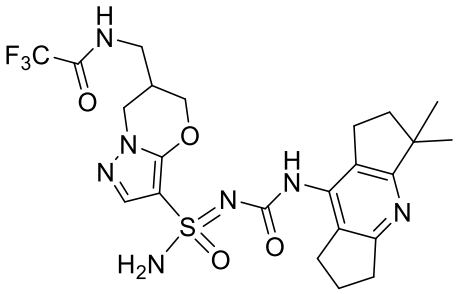
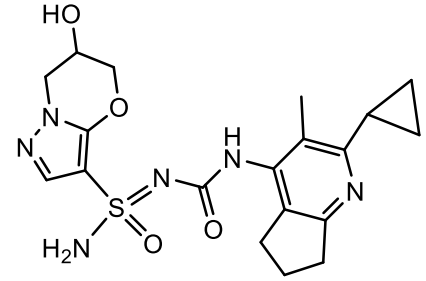
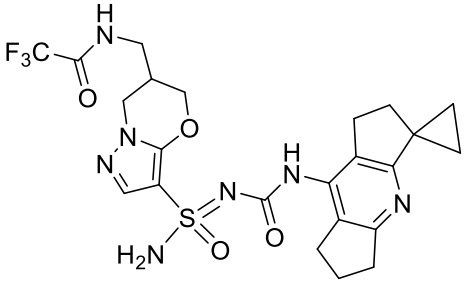
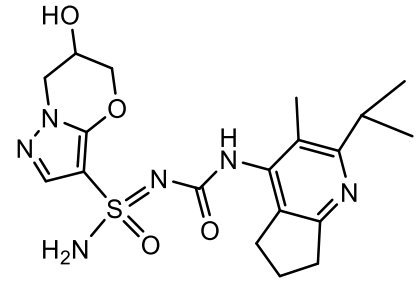
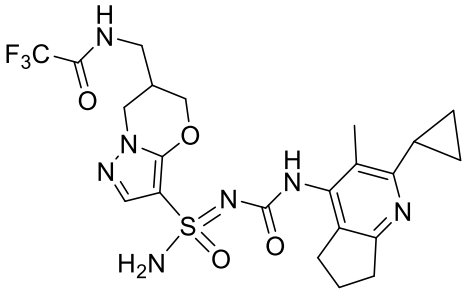
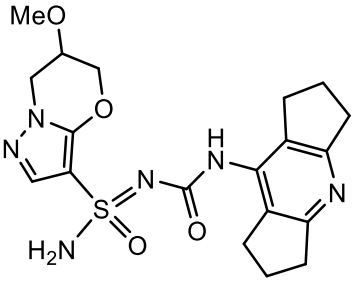
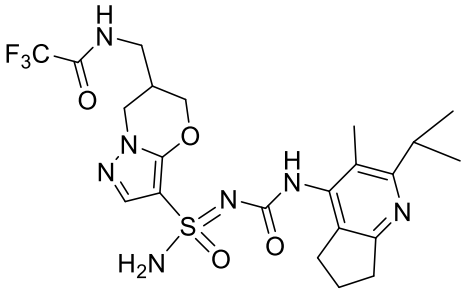
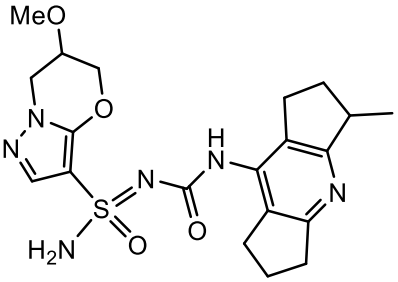
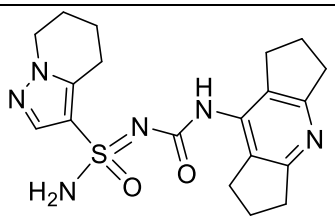
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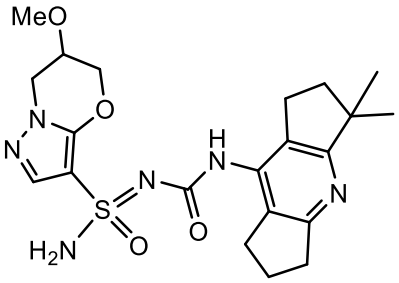
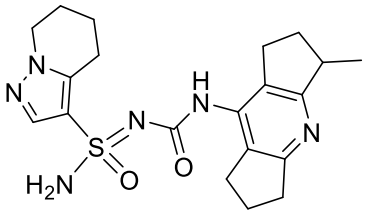
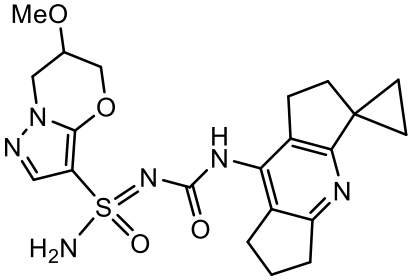
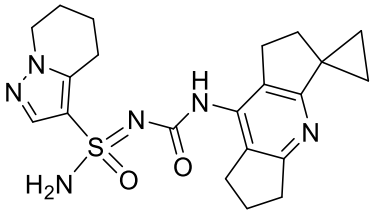
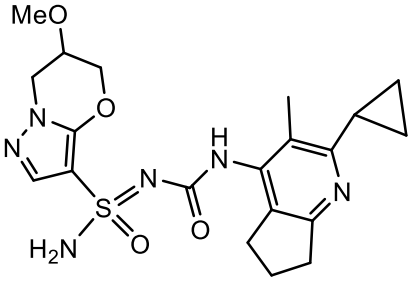
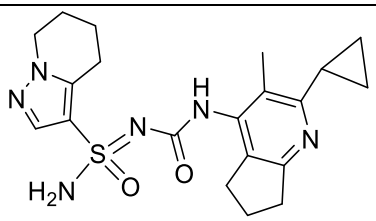
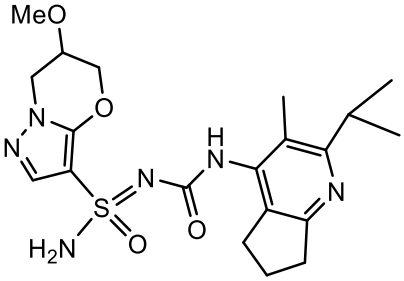
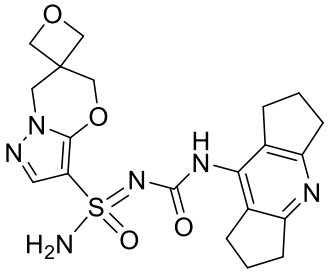
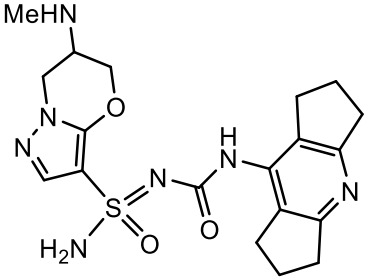
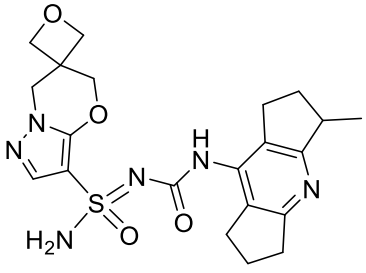
			
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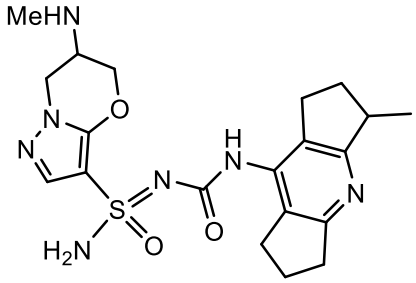
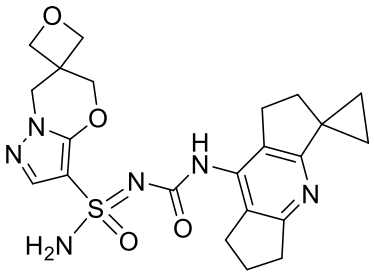
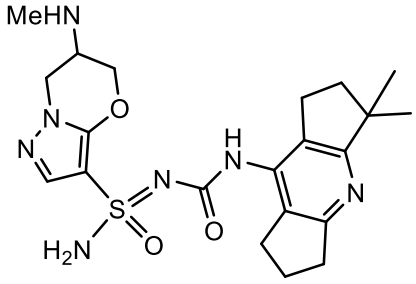
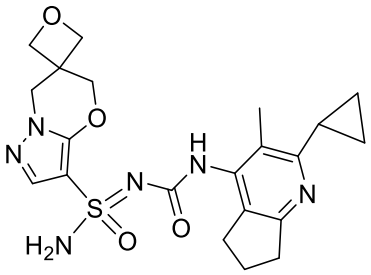
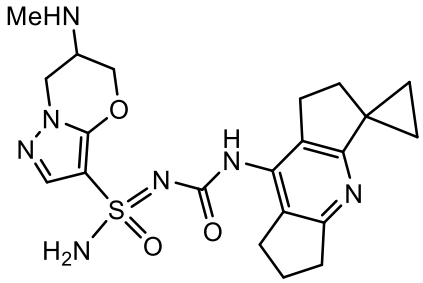
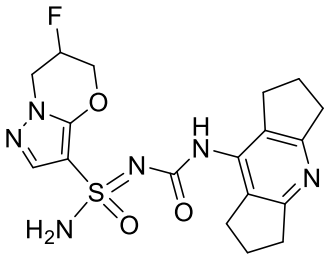
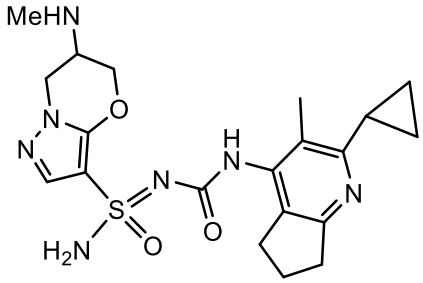
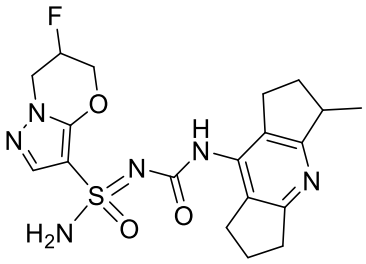
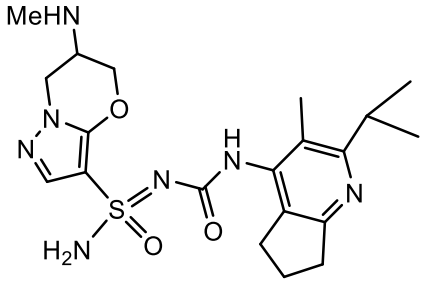
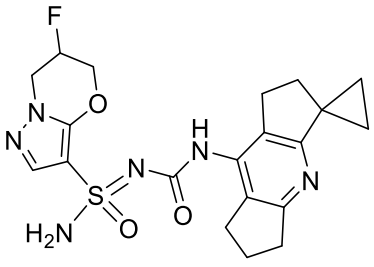
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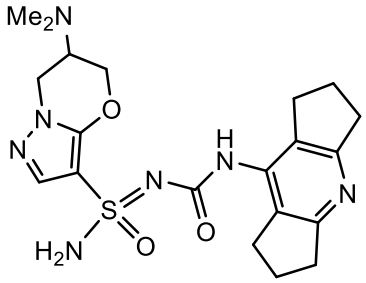
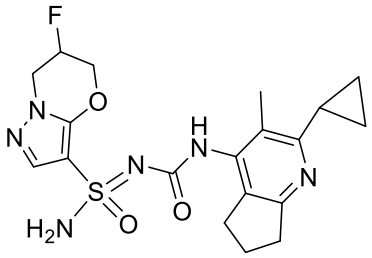
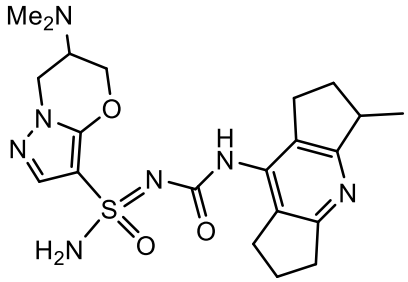
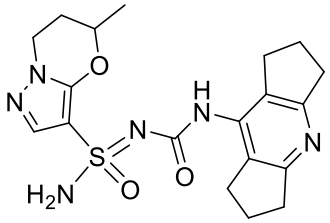
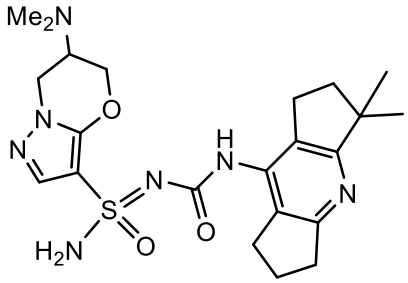
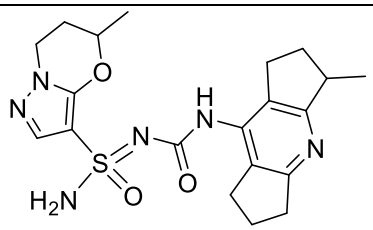
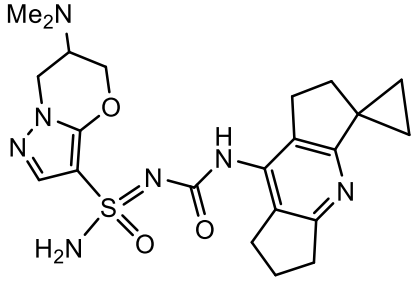
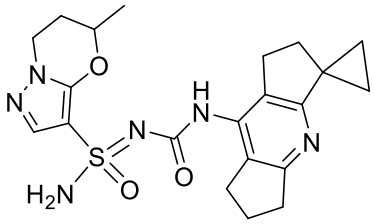
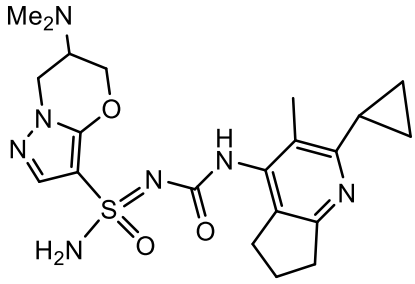
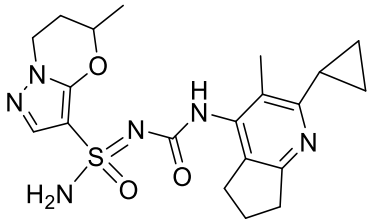
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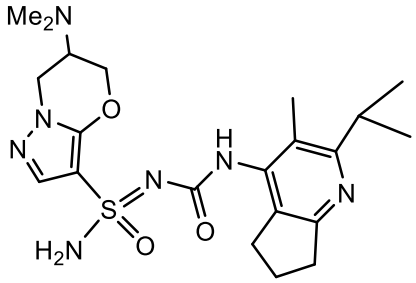
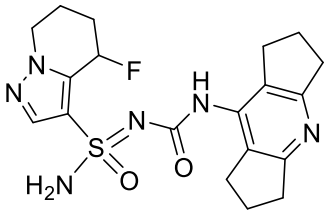
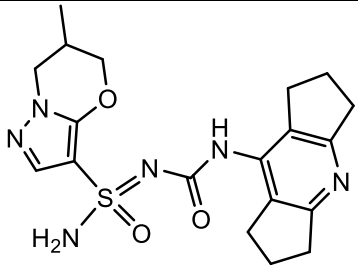
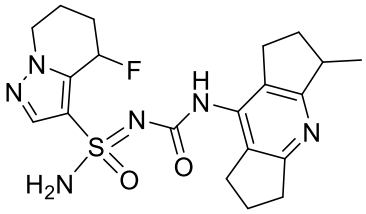
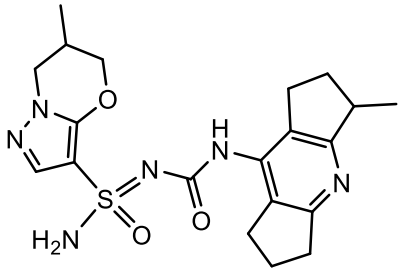
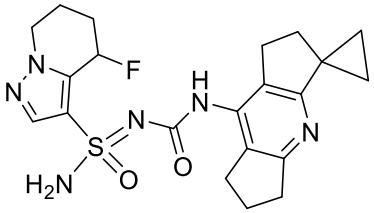
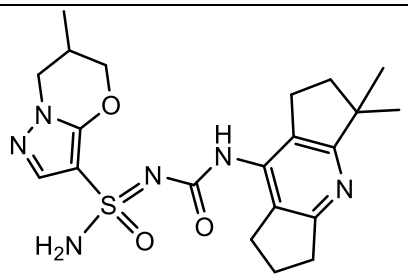
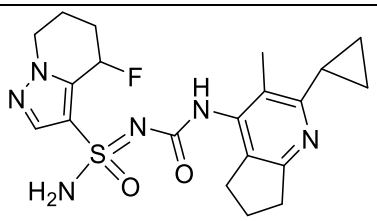
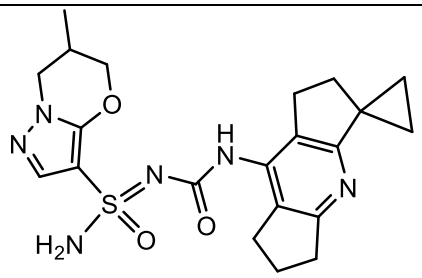
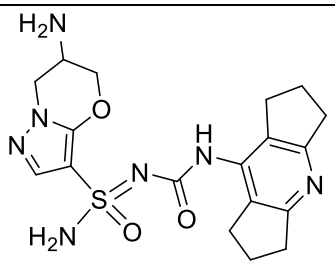
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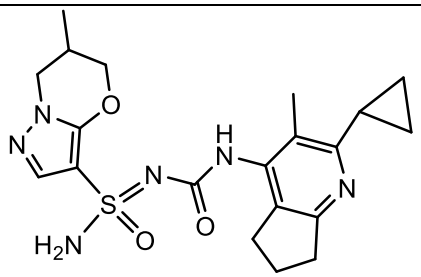
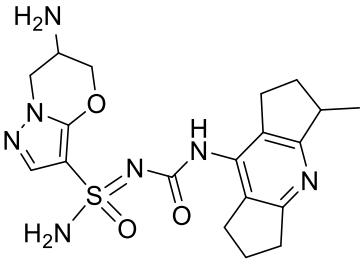
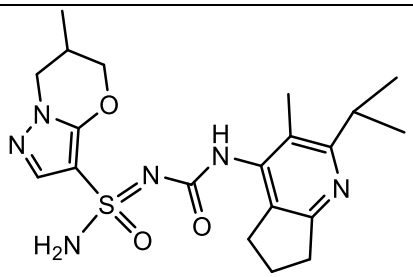
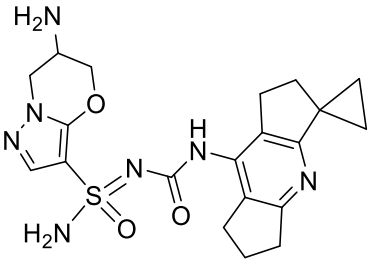
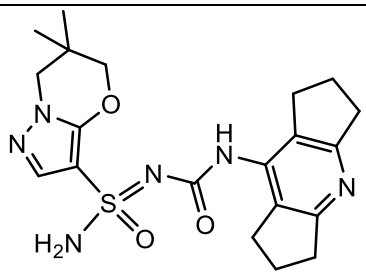
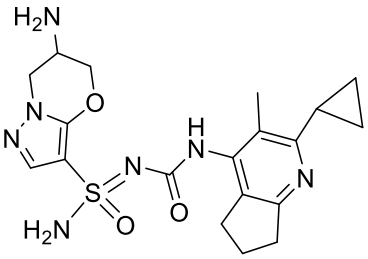
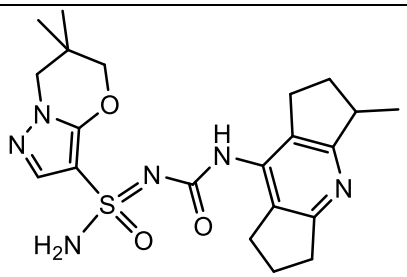
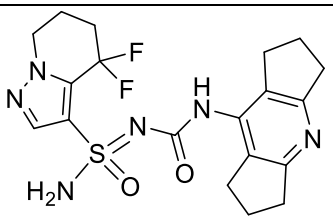
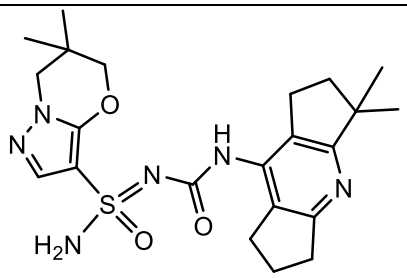
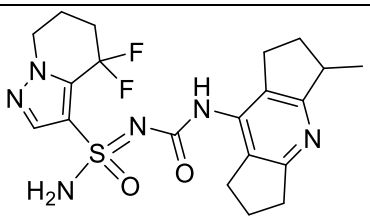
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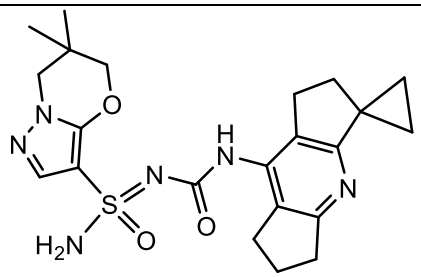
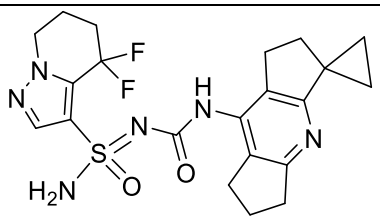
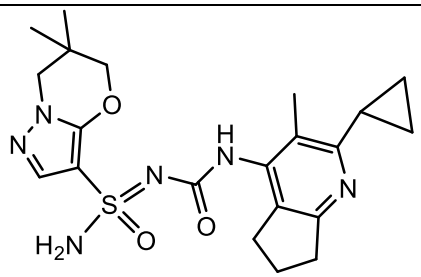
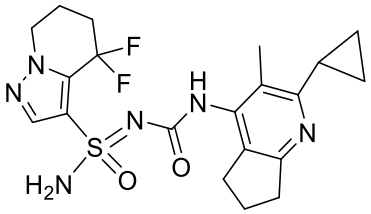
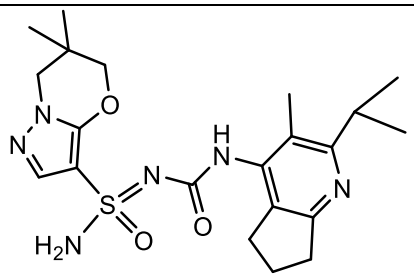
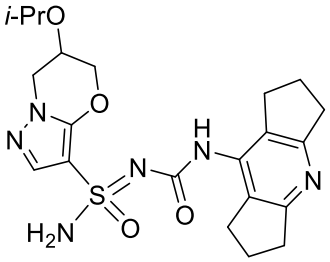
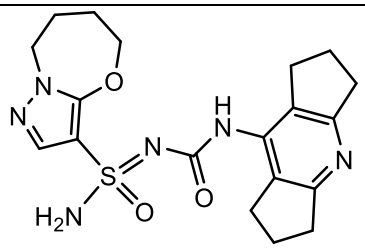
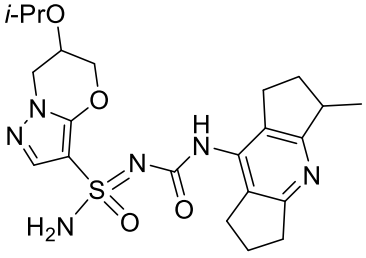
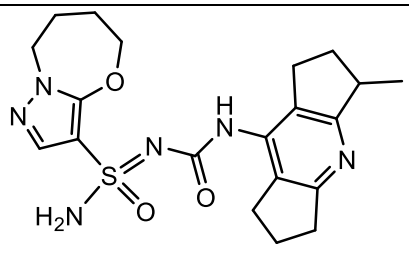
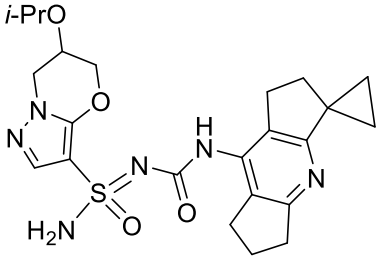
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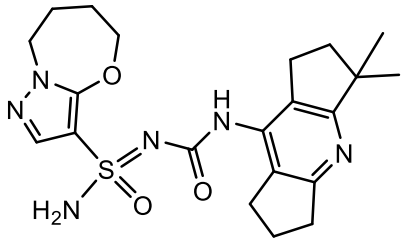
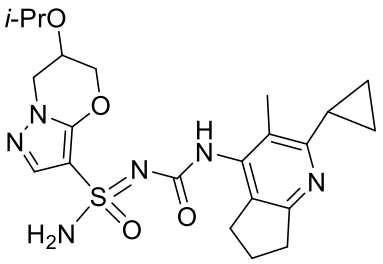
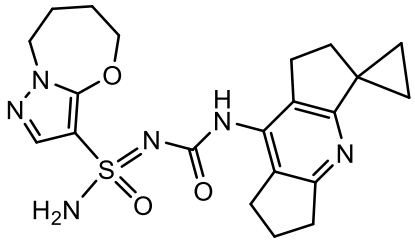
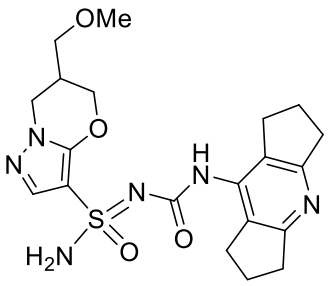
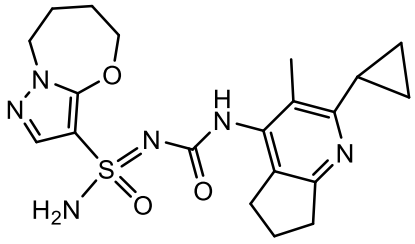
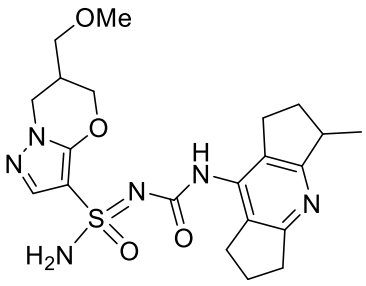
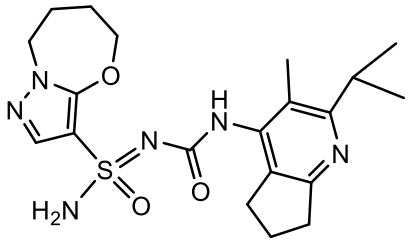
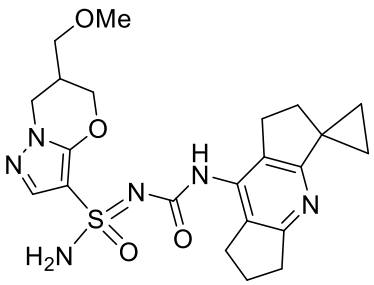
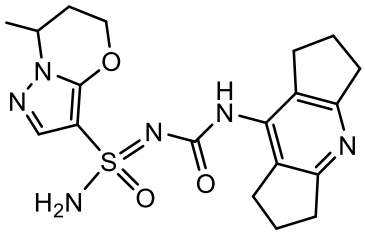
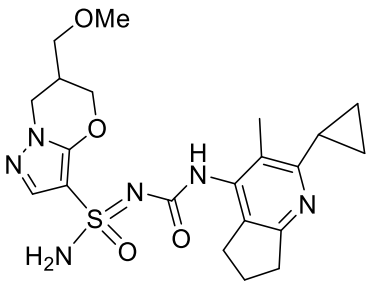
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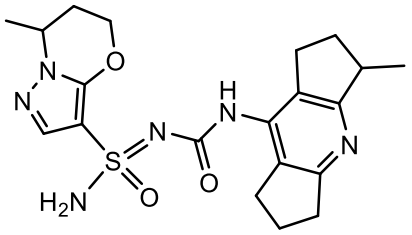
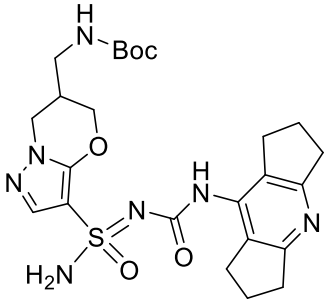
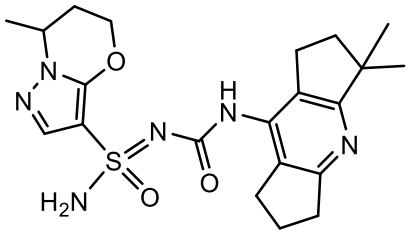
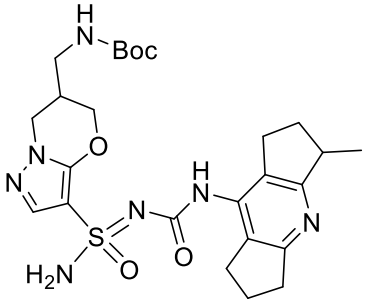
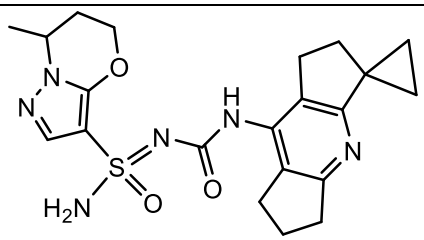
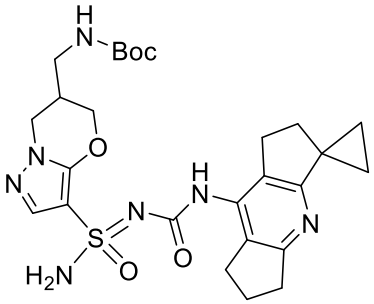
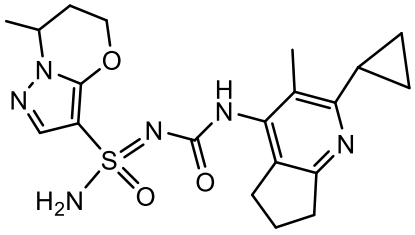
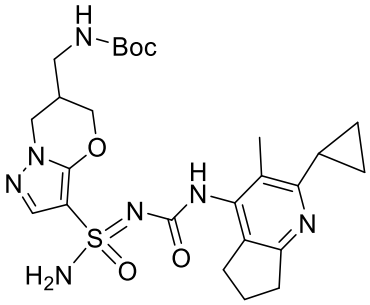
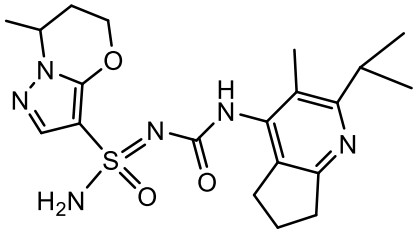
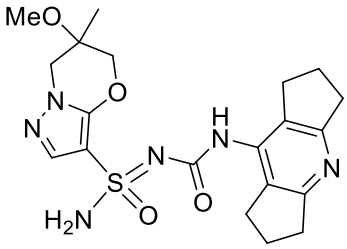
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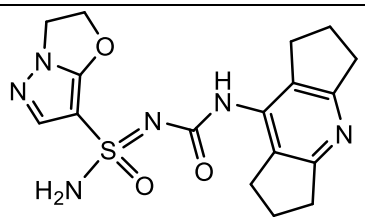
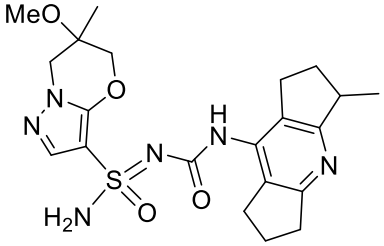
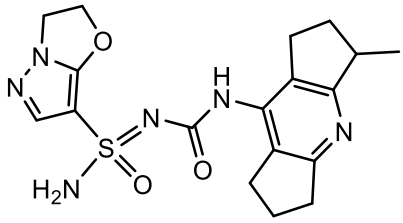
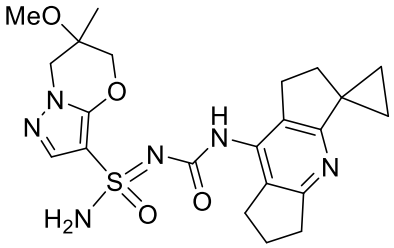
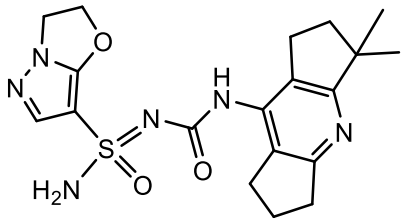
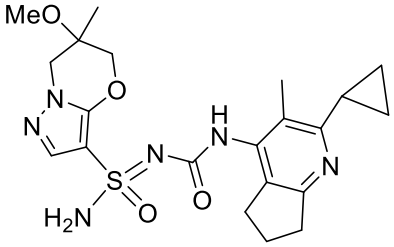
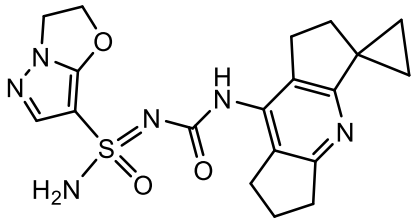
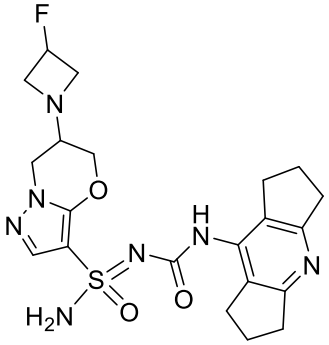
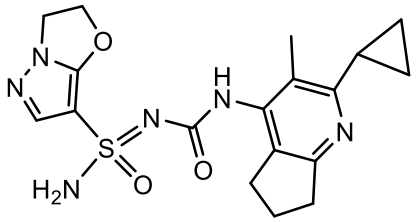
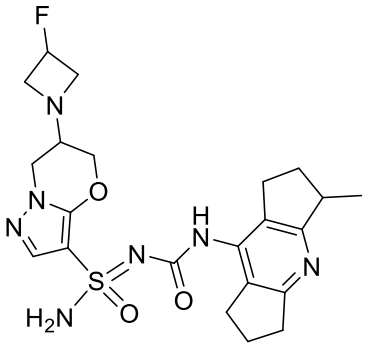
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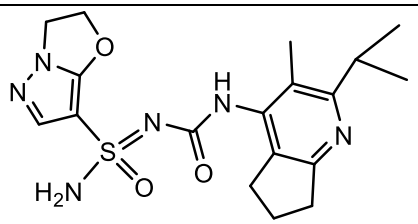
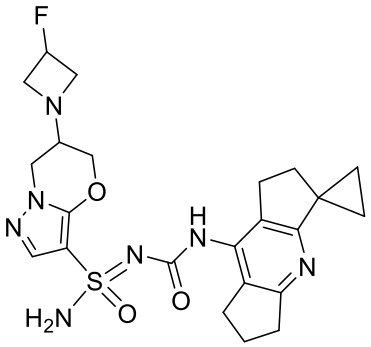
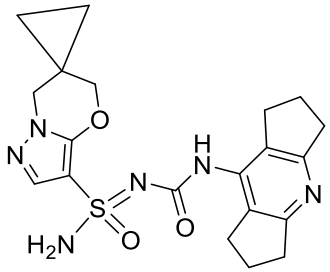
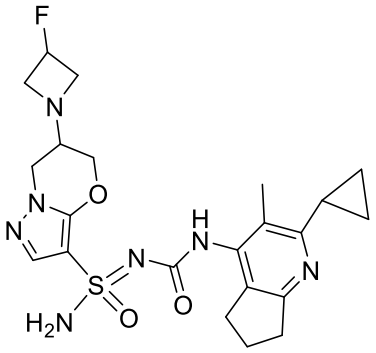
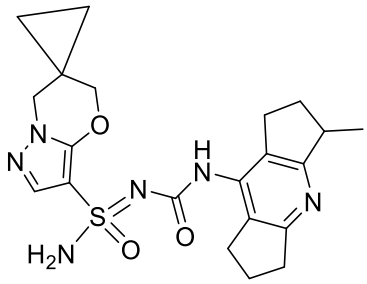
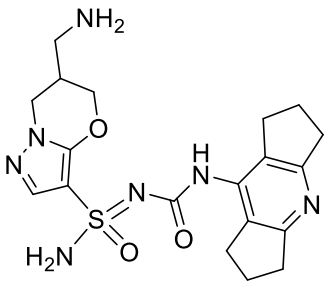
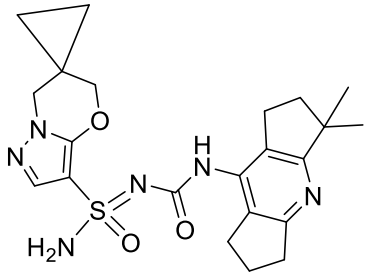
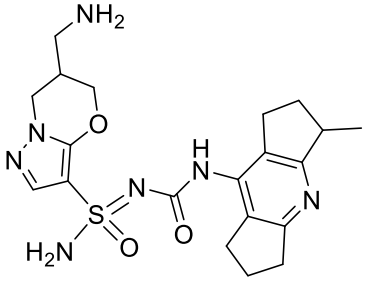
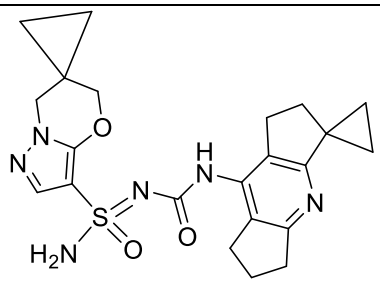
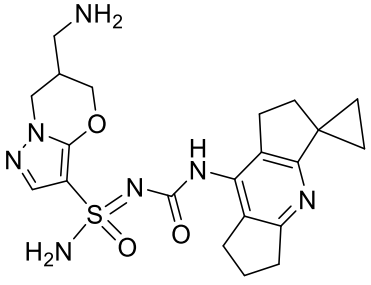
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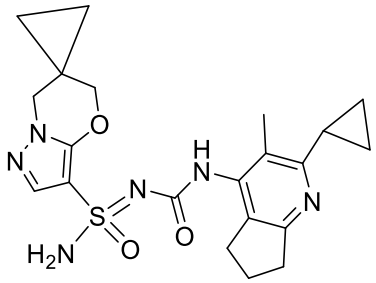
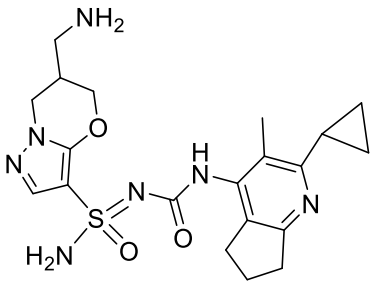
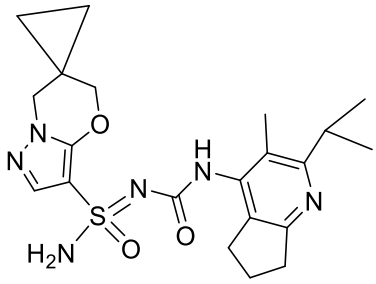
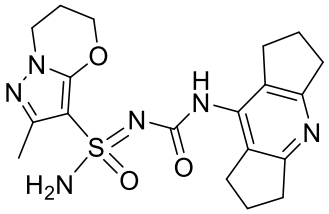
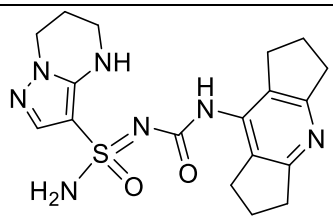
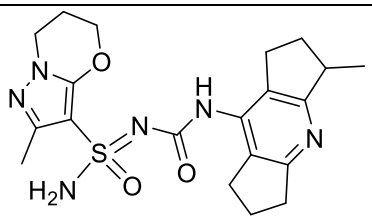
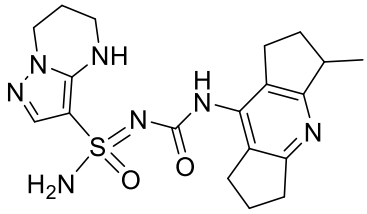
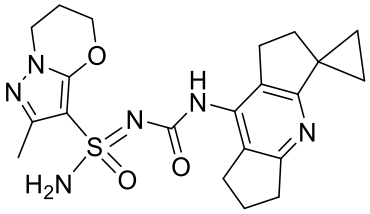
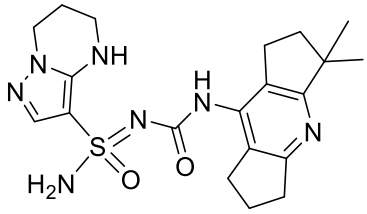
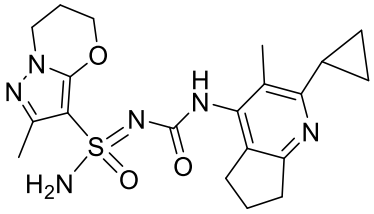
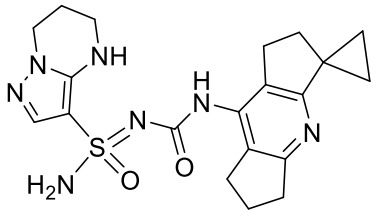
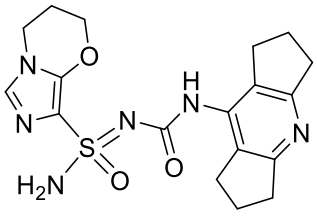
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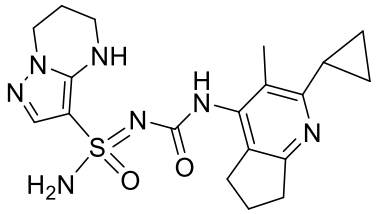
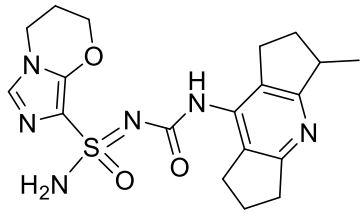
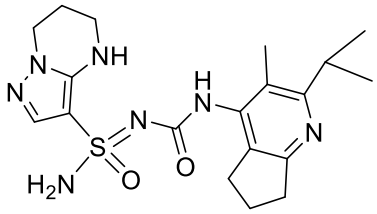
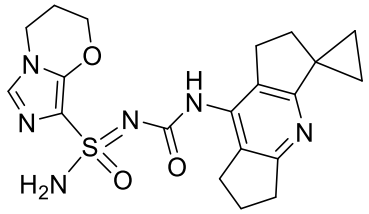
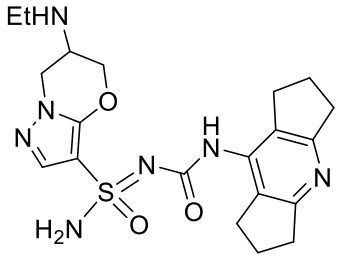
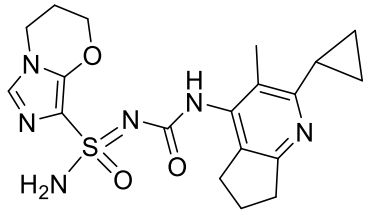
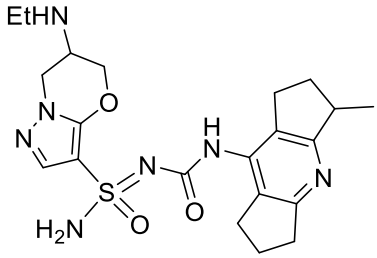
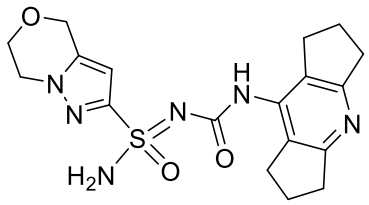
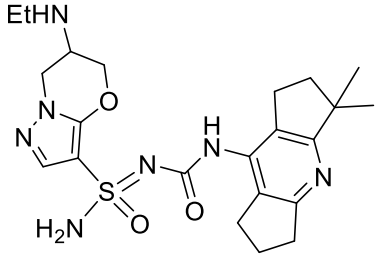
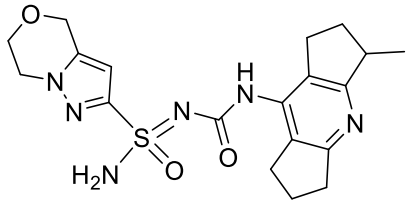
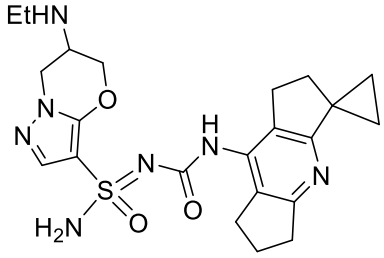
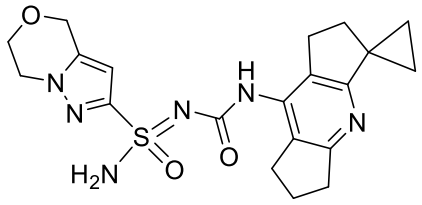
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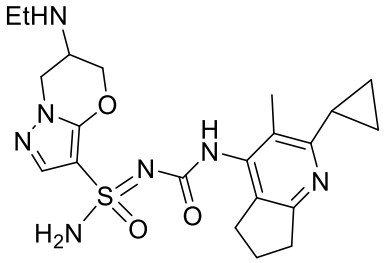
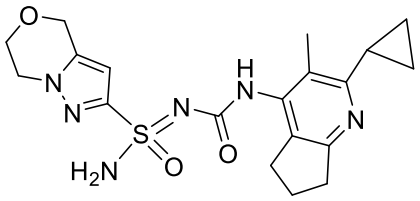
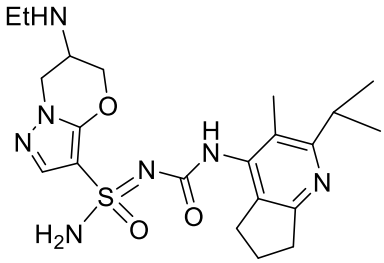
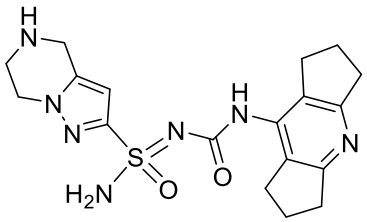
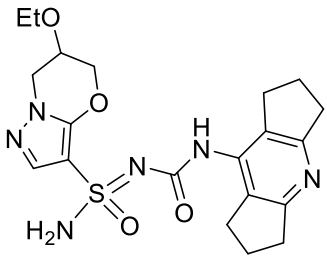
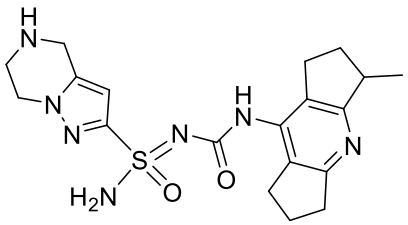
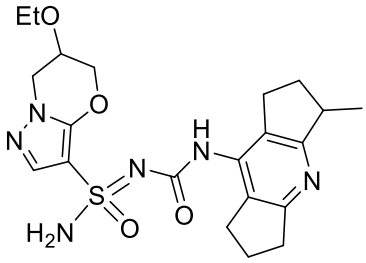
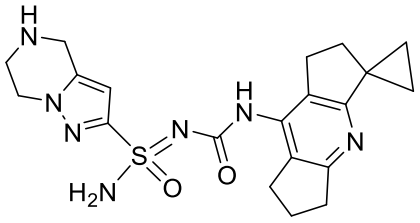
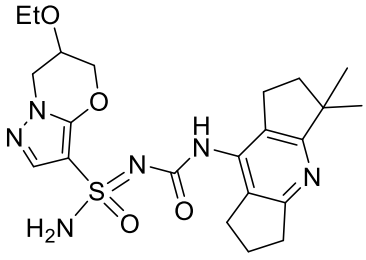
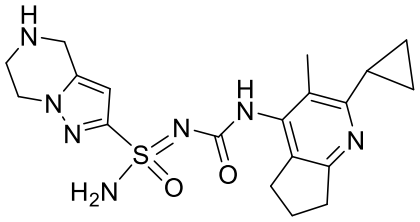
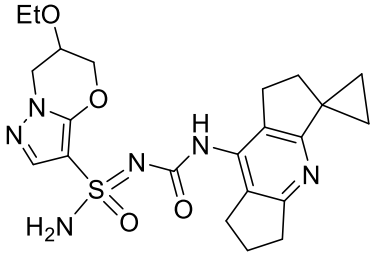
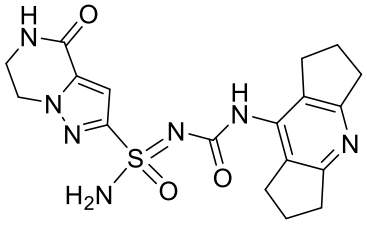
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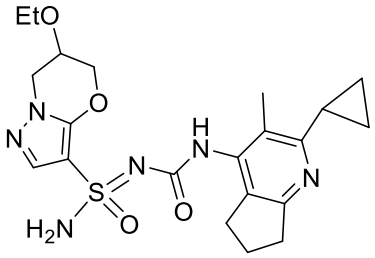
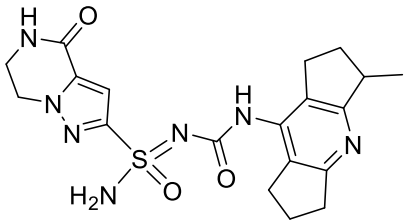
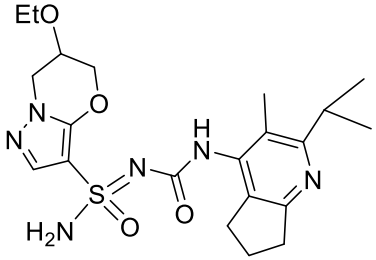
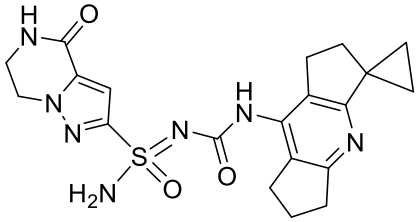
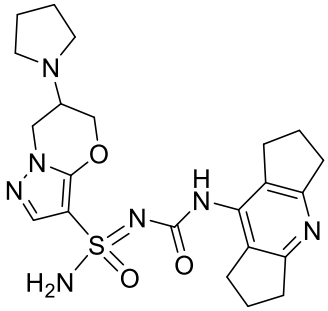
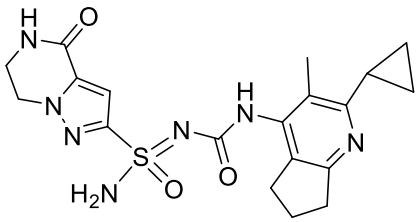
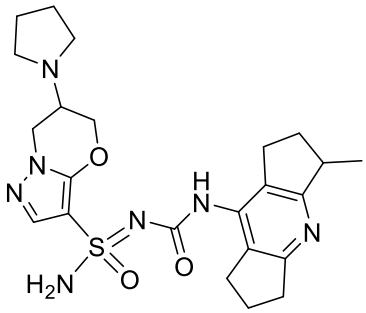
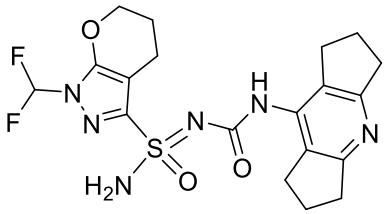
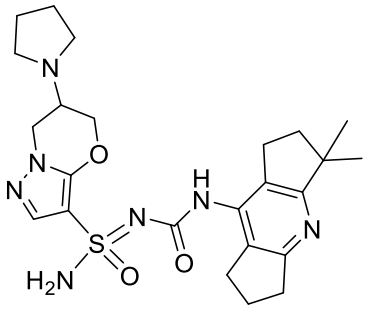
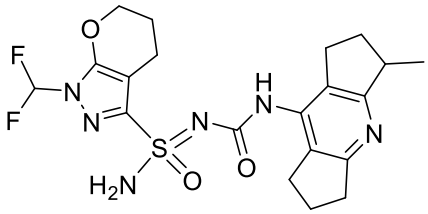
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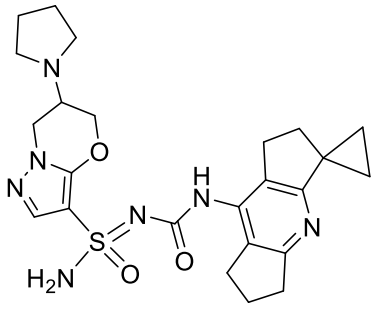
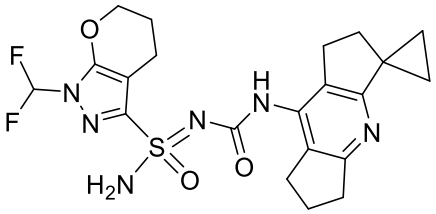
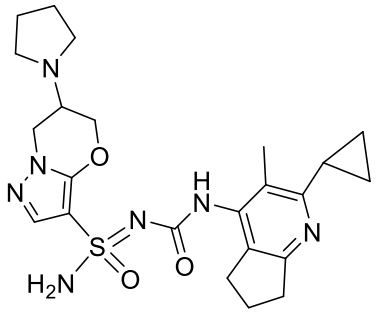
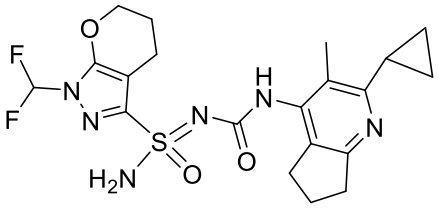
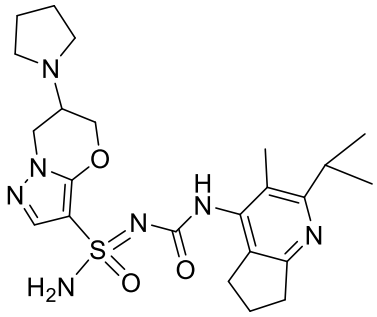
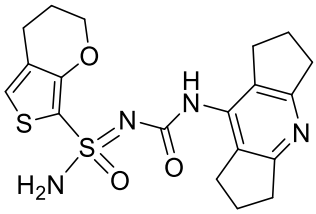
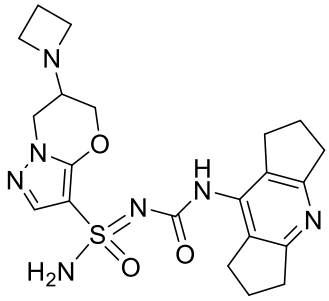
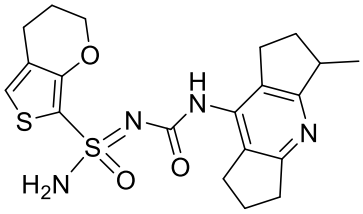
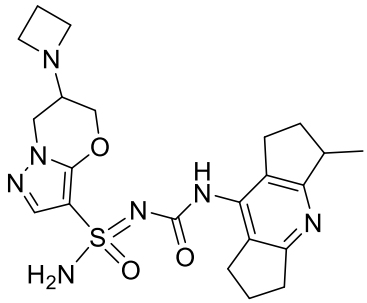
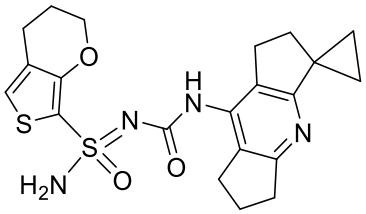
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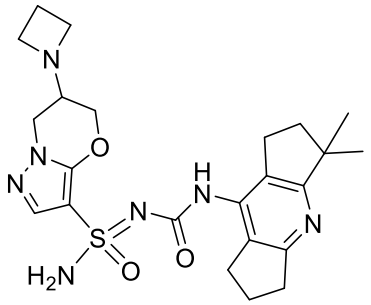
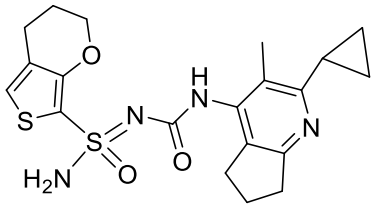
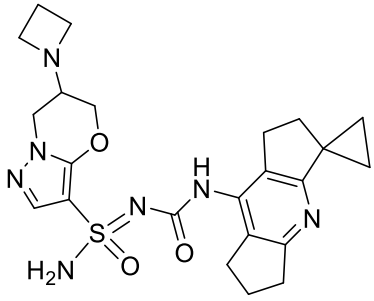
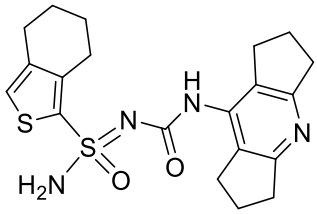
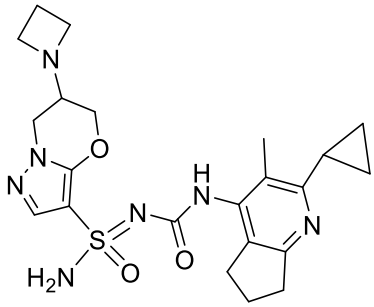
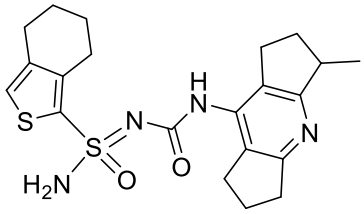
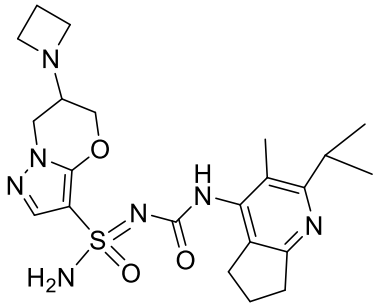
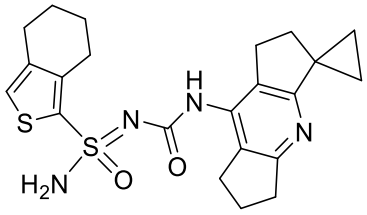
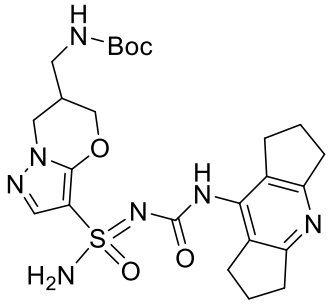
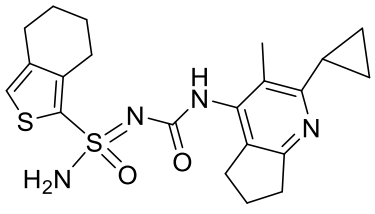
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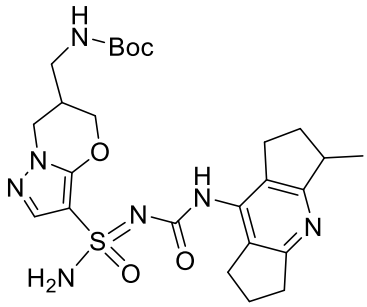
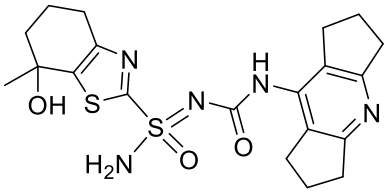
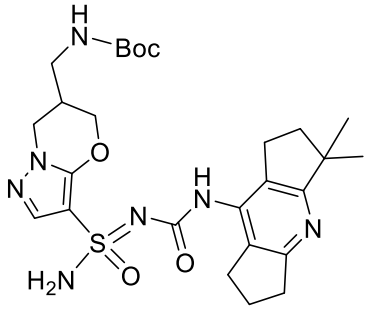
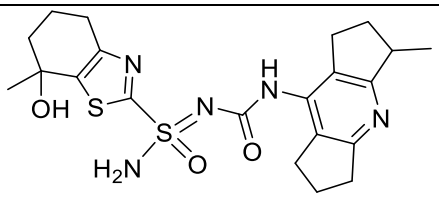
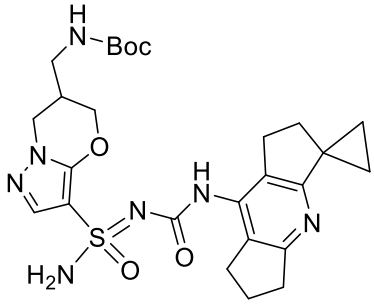
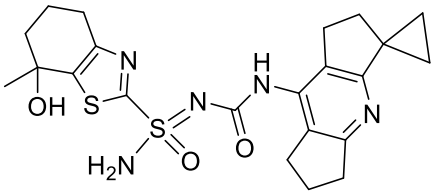
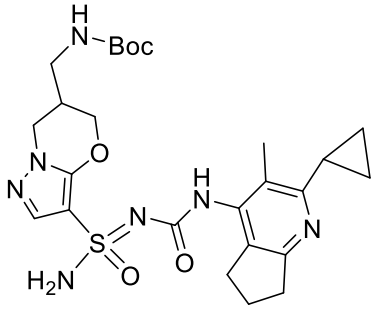
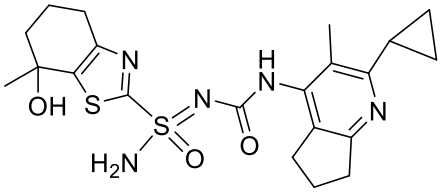
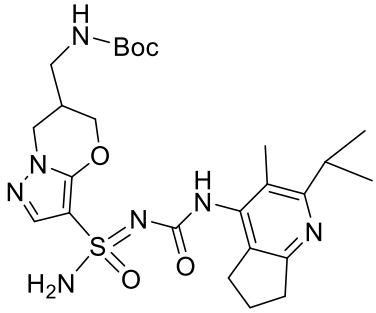
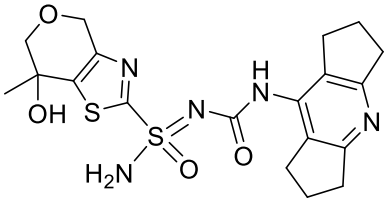
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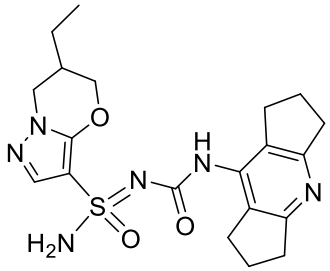
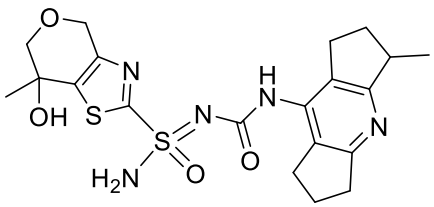
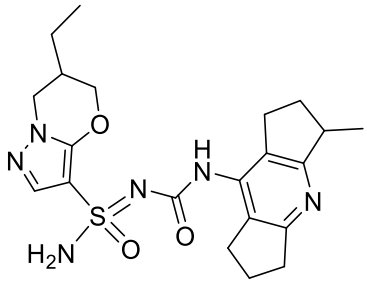
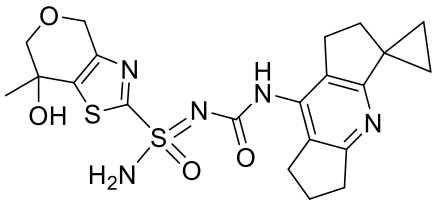
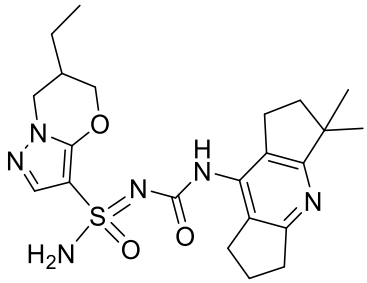
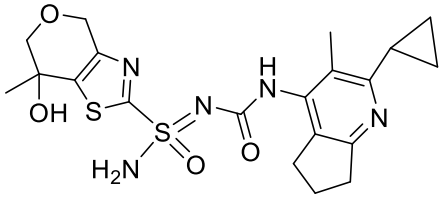
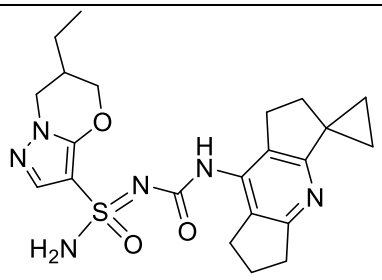
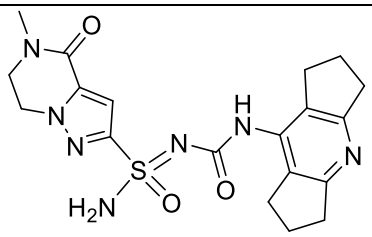
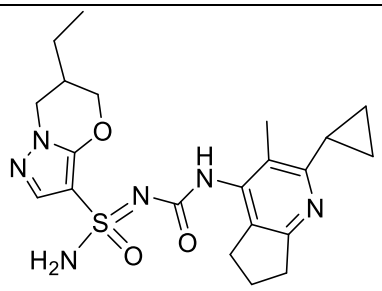
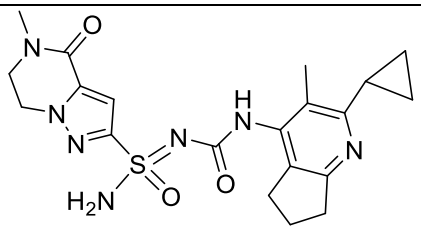
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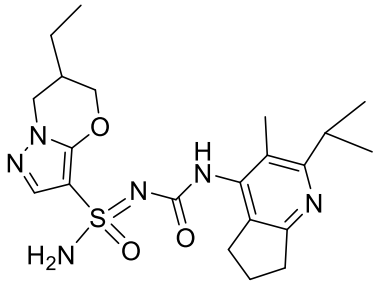
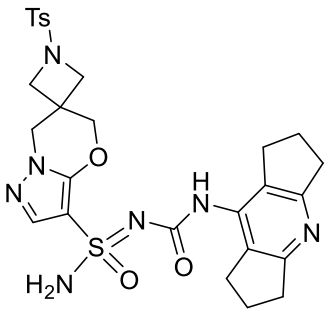
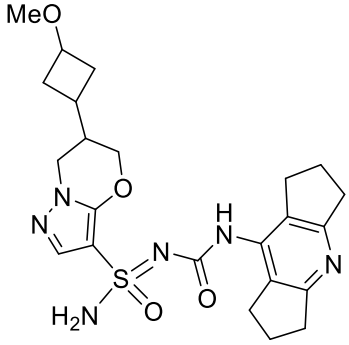
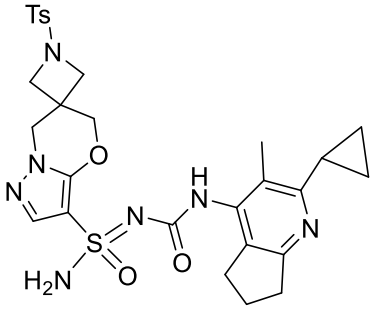
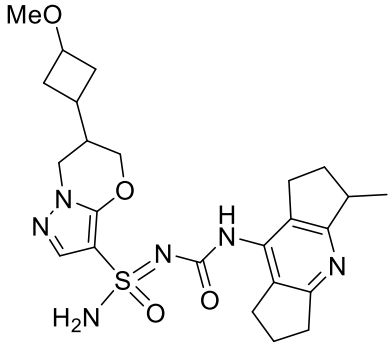
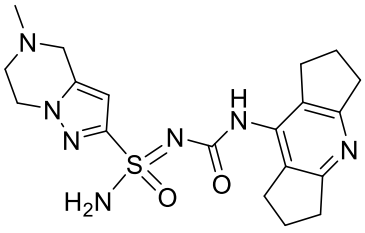
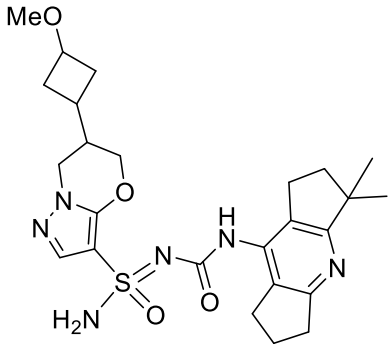
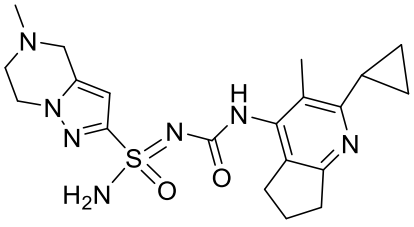
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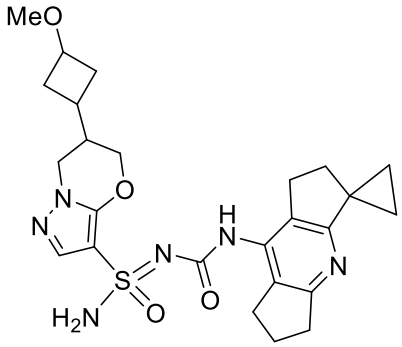
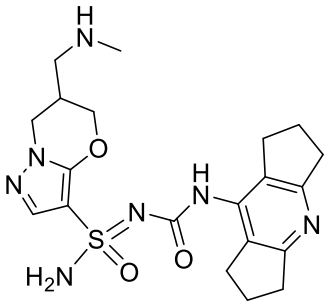
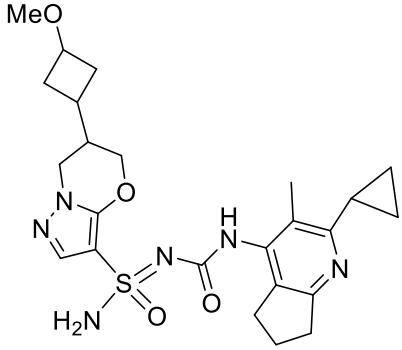
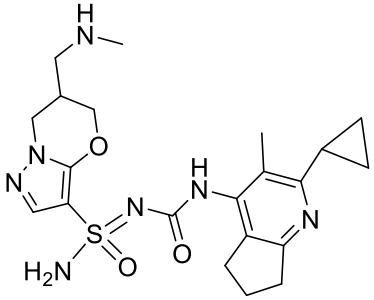
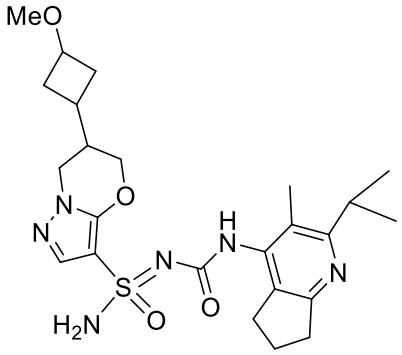
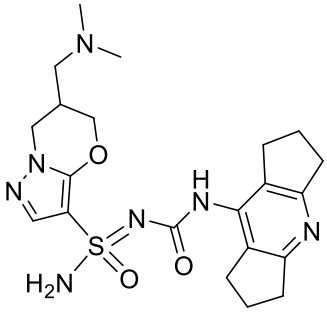
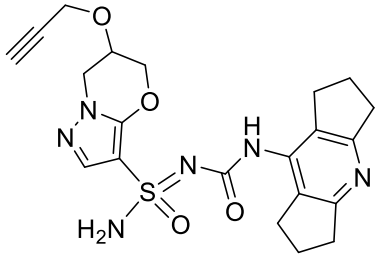
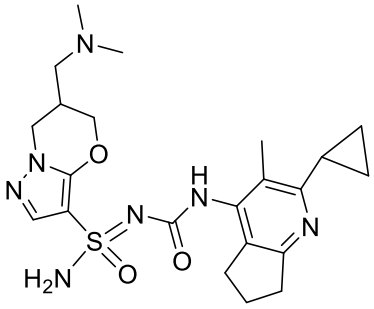
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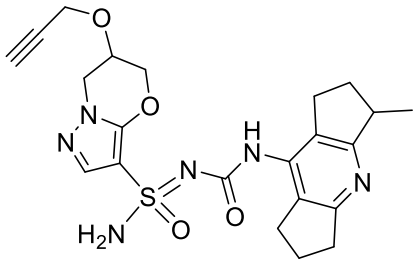
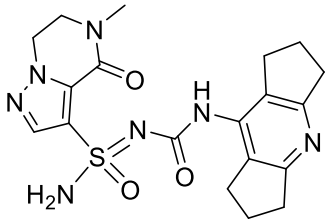
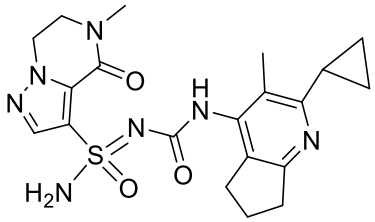
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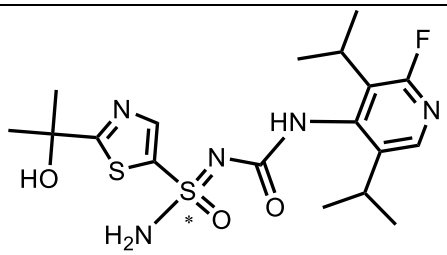
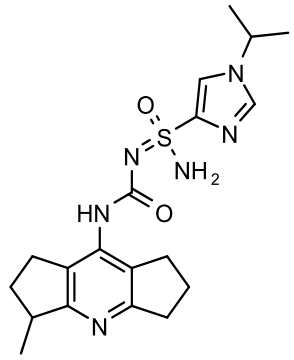
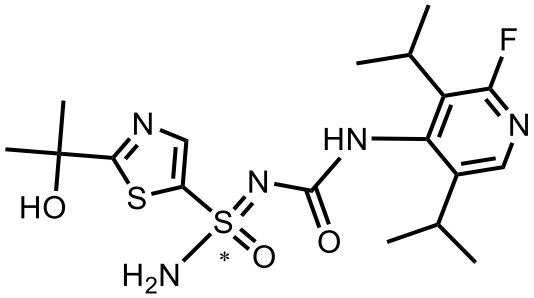
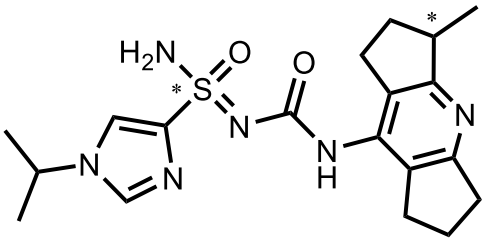
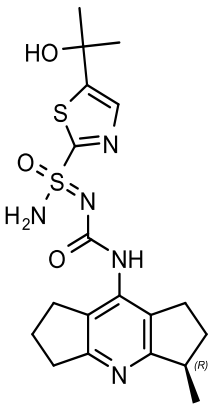
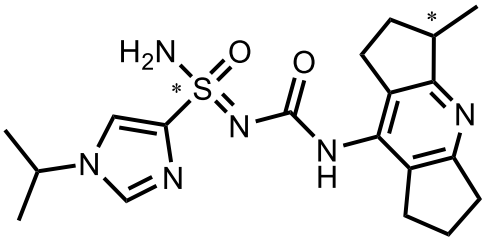
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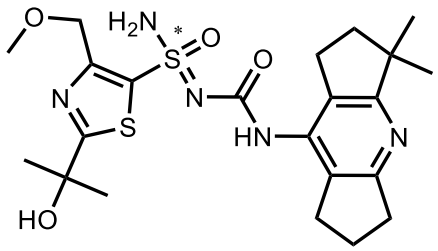
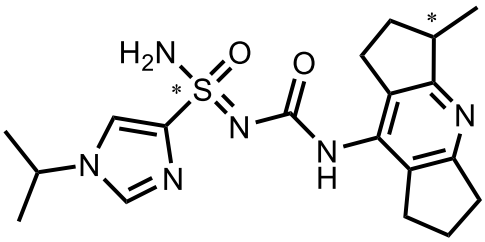
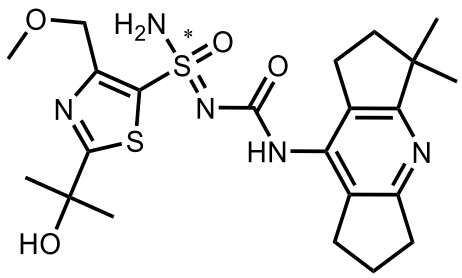
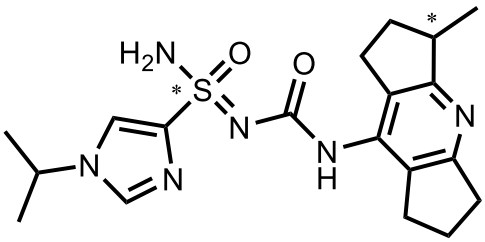
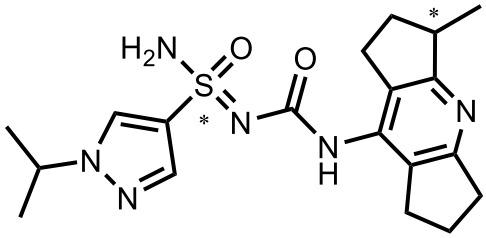
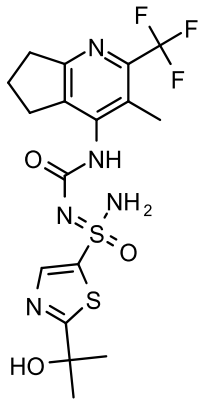
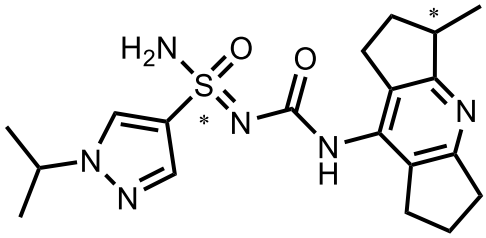
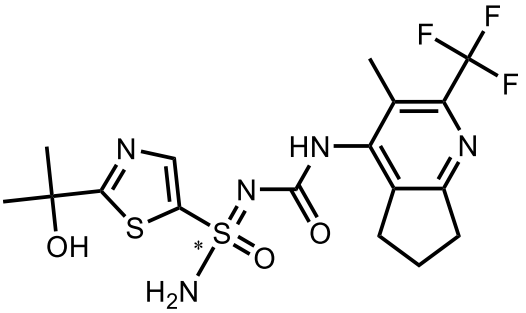
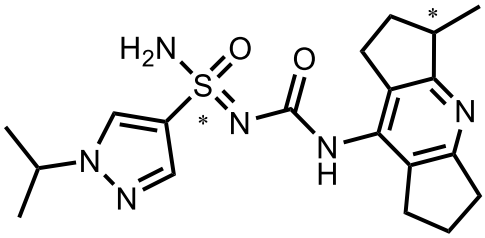
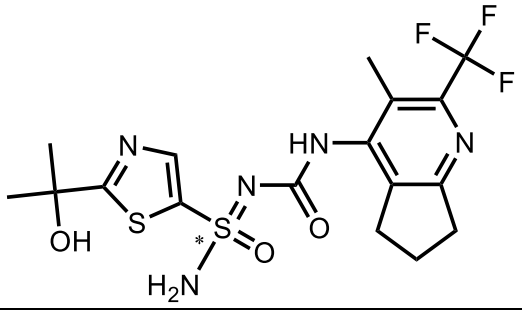
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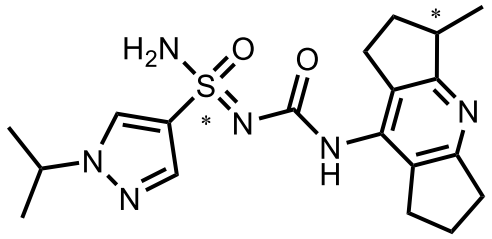
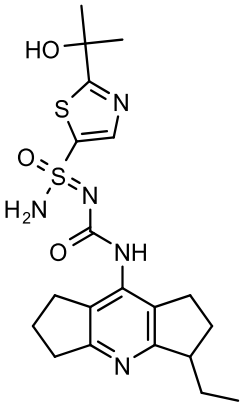
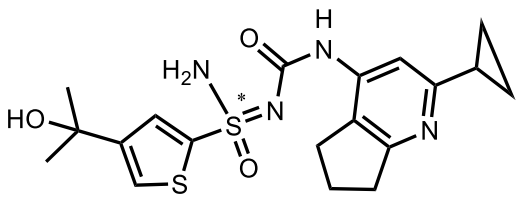
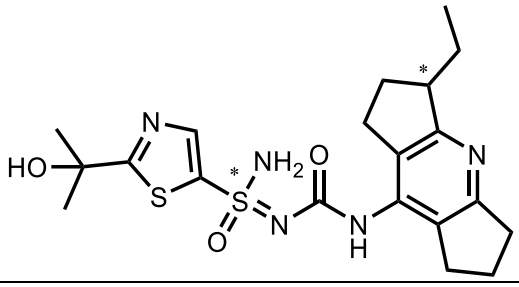
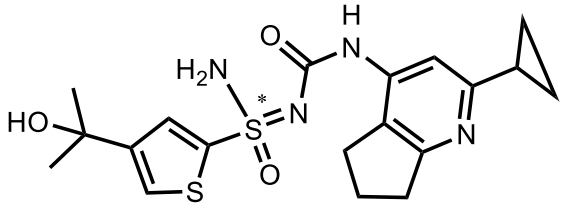
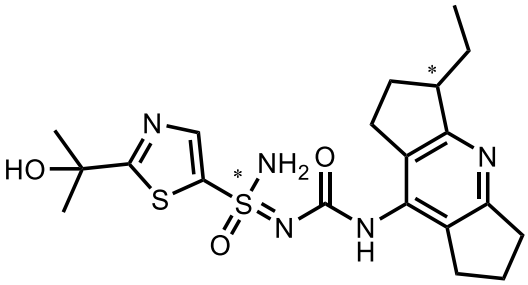
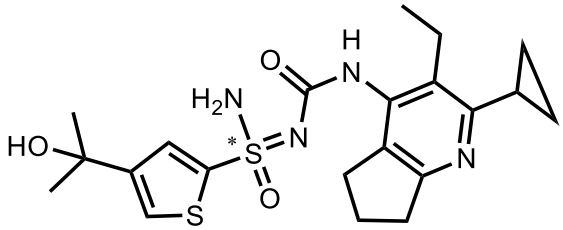
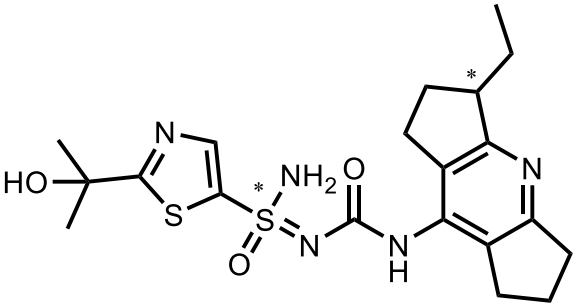
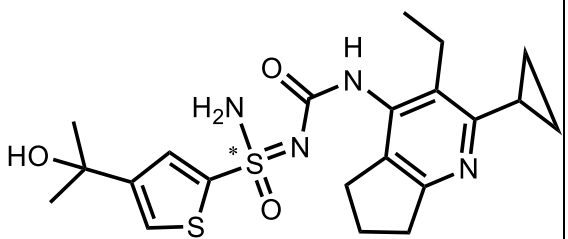
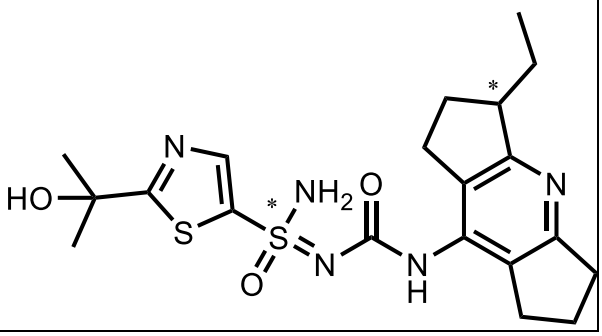
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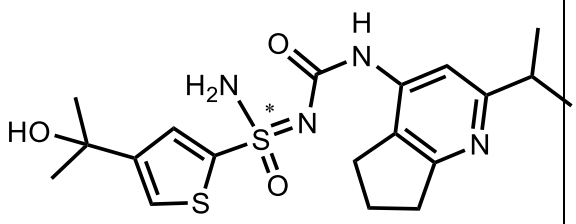
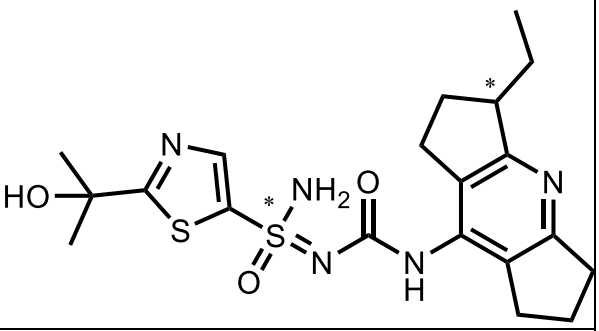
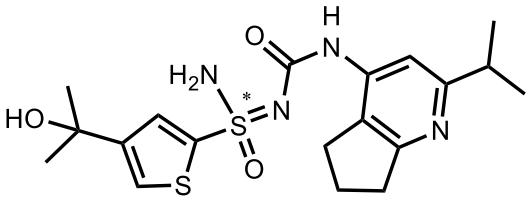
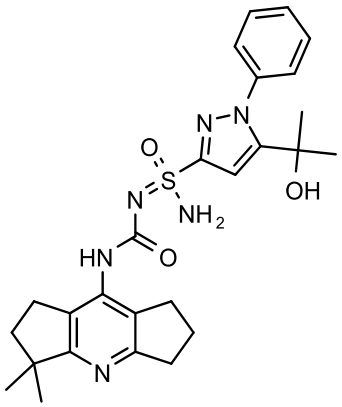
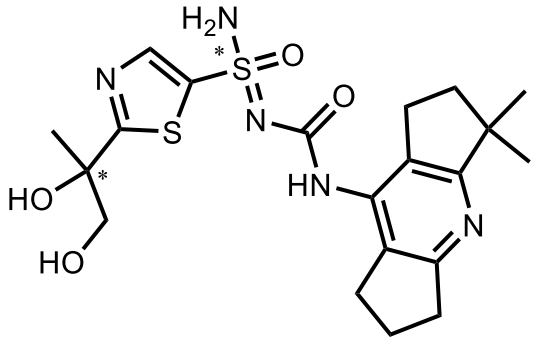
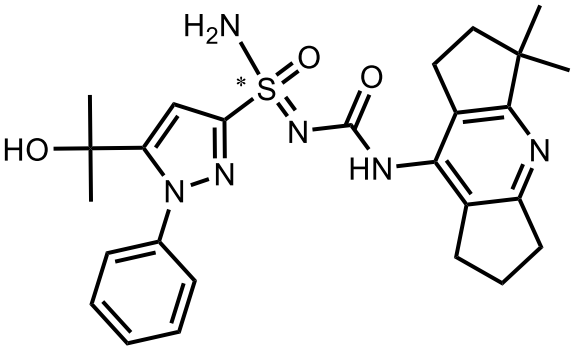
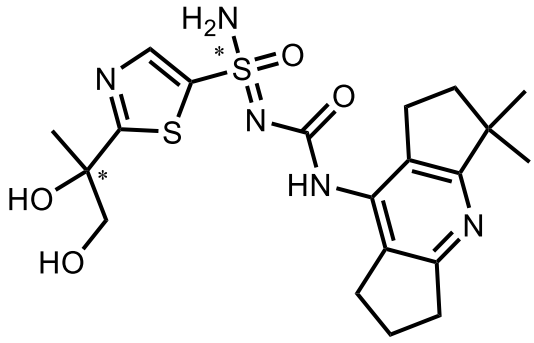
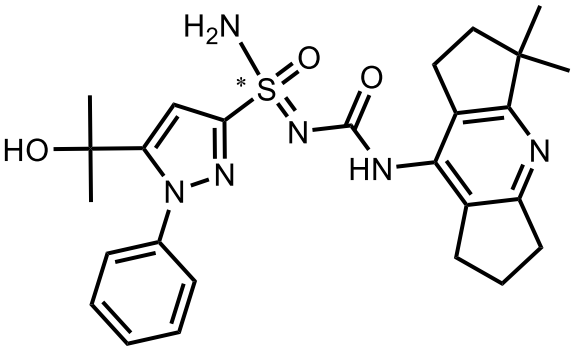
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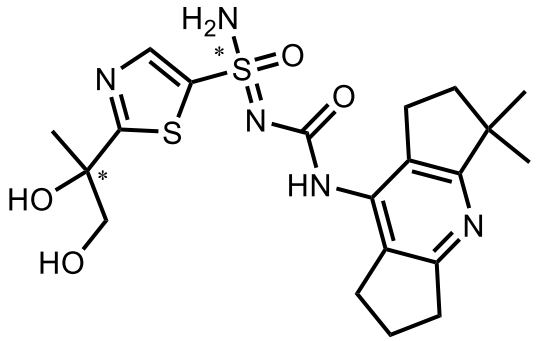
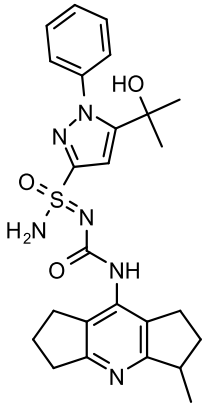
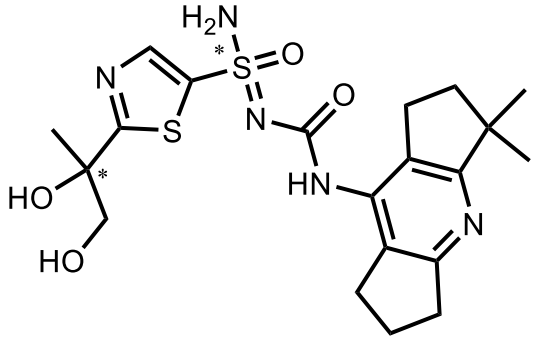
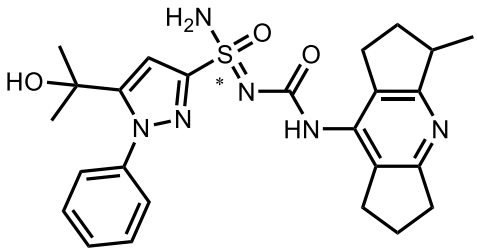
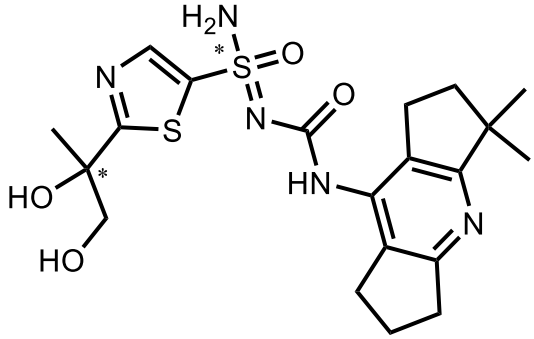
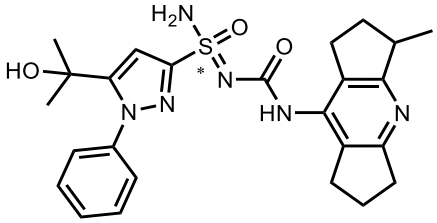
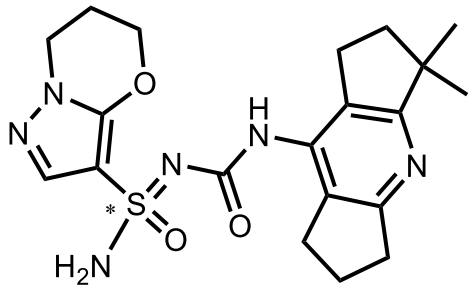
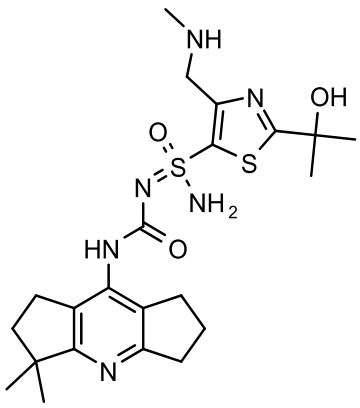
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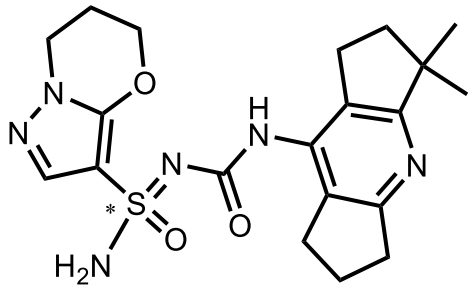
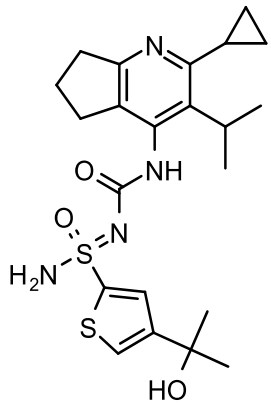
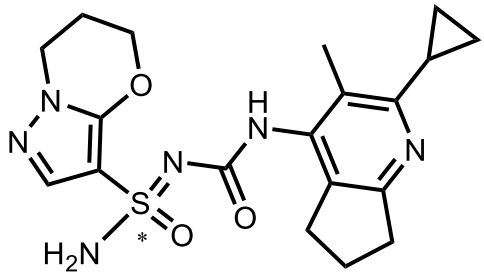
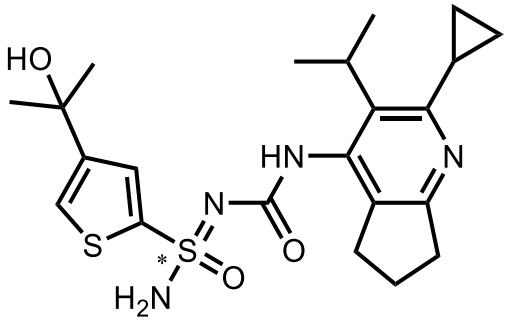
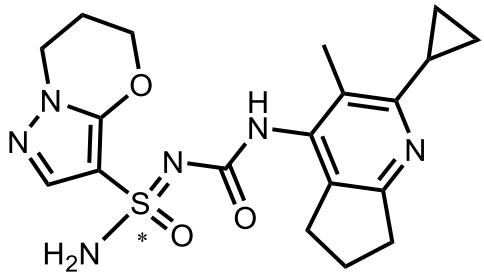
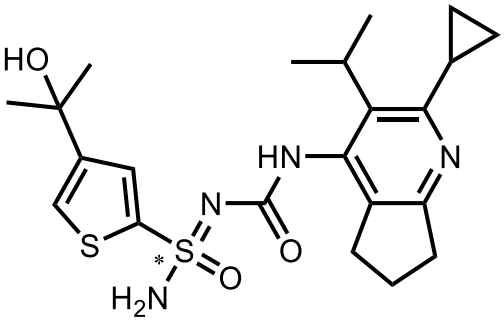
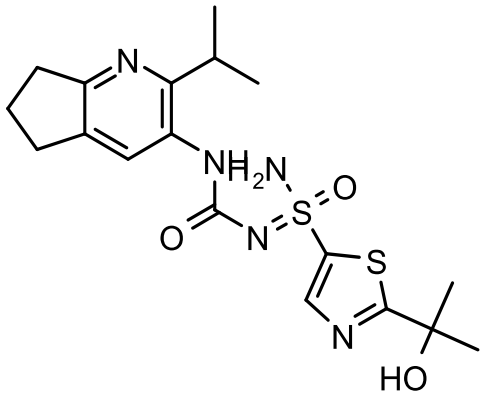
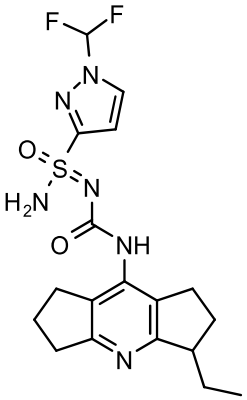
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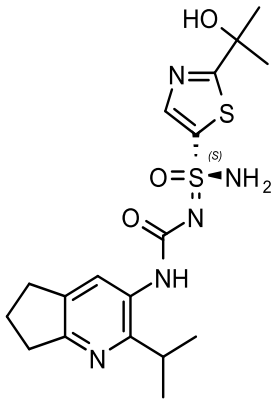
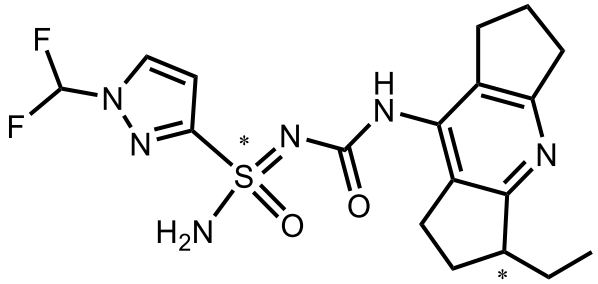
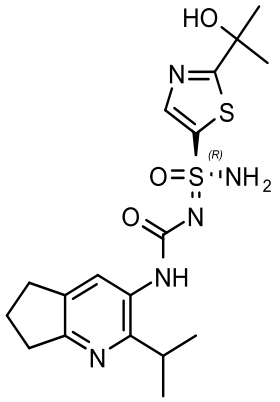
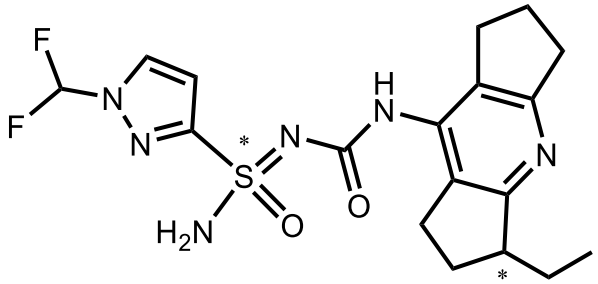
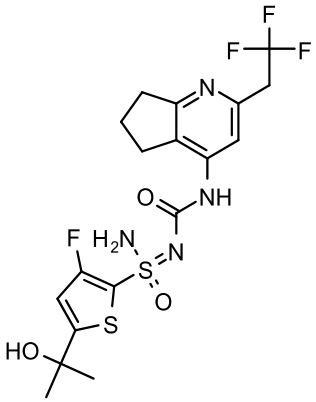
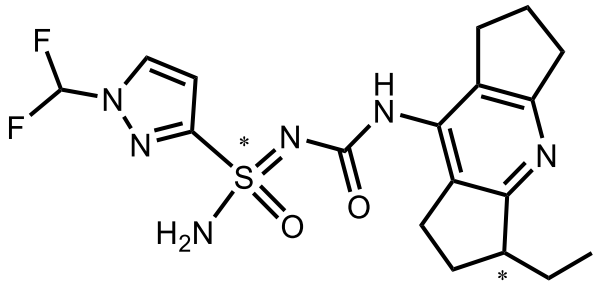
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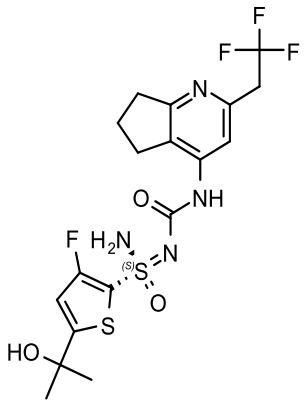
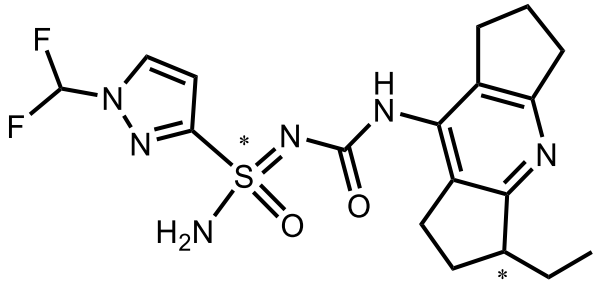
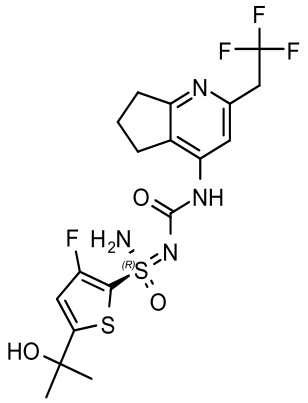
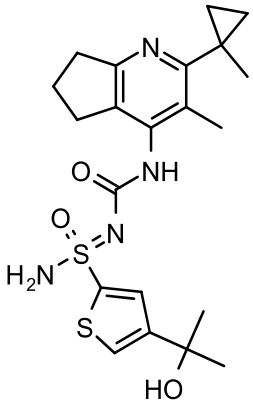
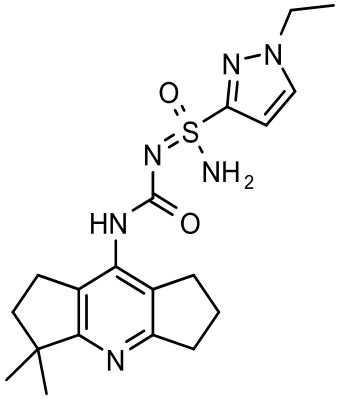
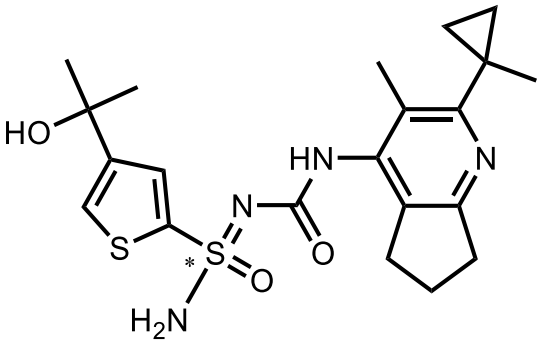
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181a		**662c**	
181b		**662d**	

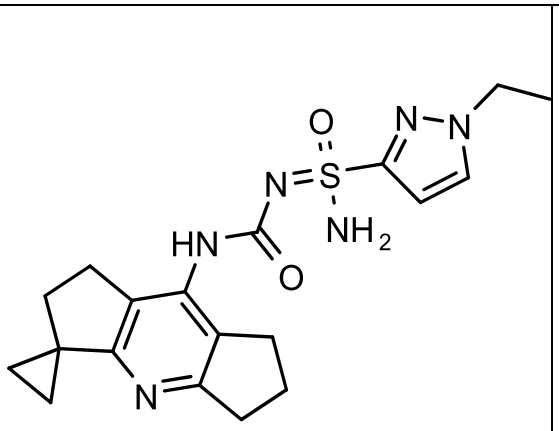
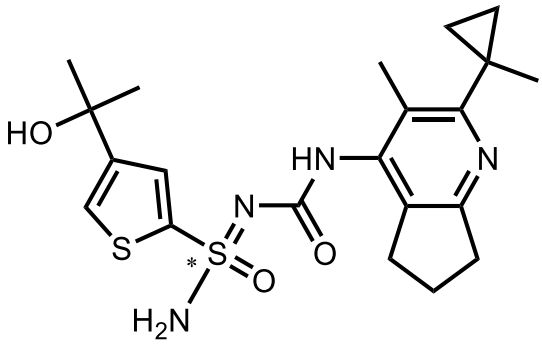
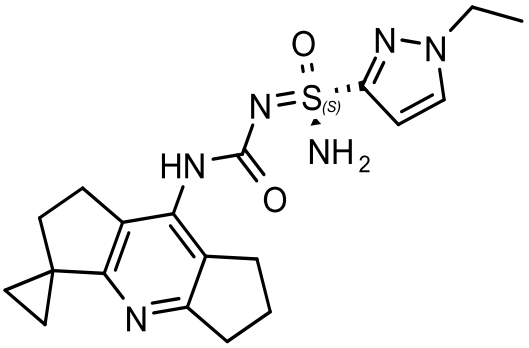
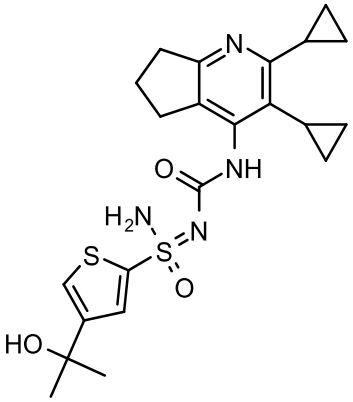
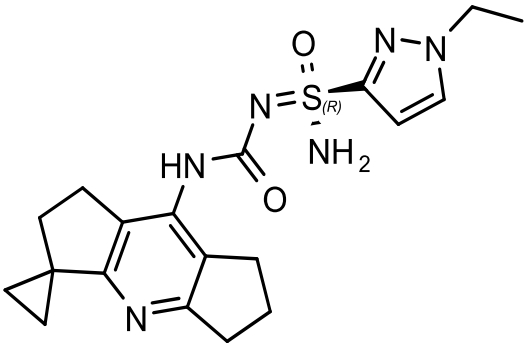
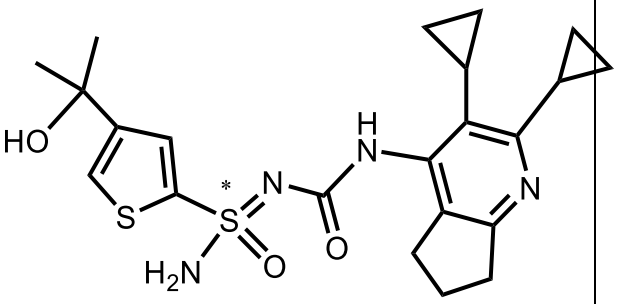
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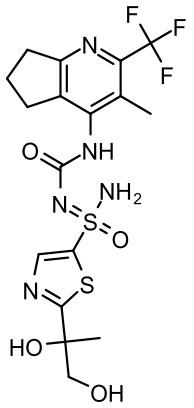
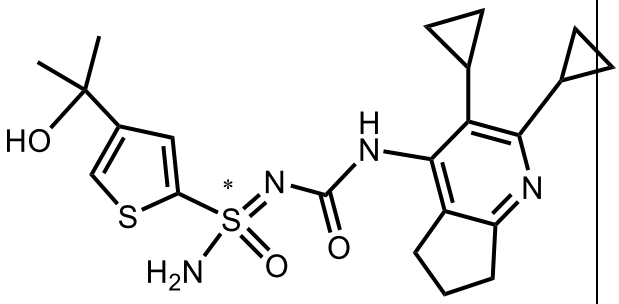
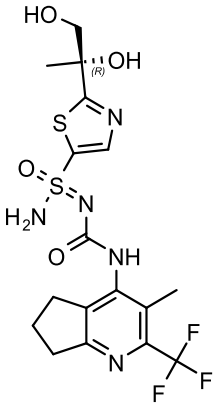
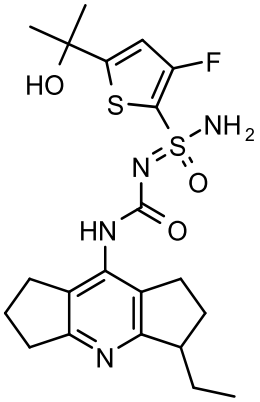
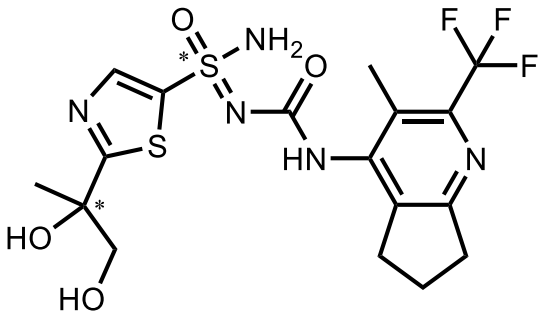
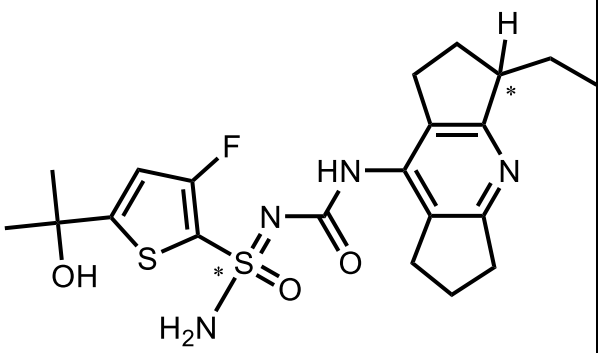
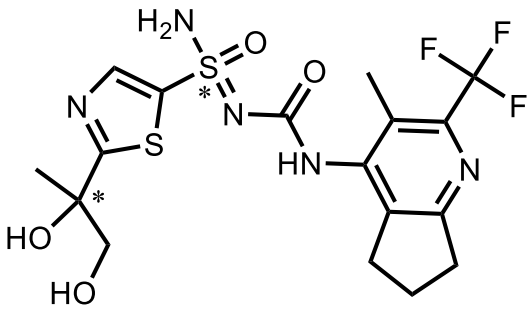
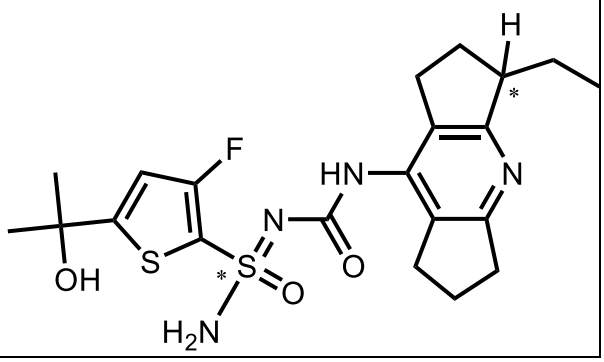
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304a		**665**	

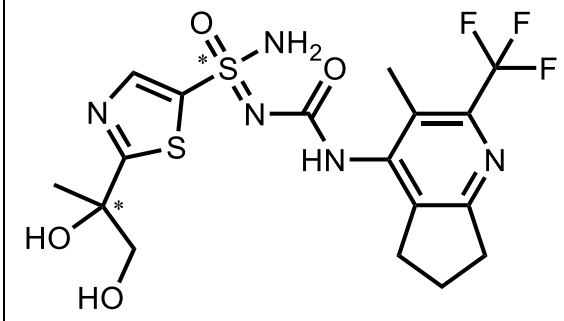
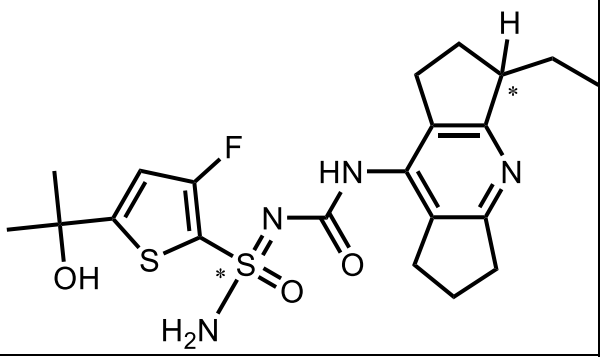
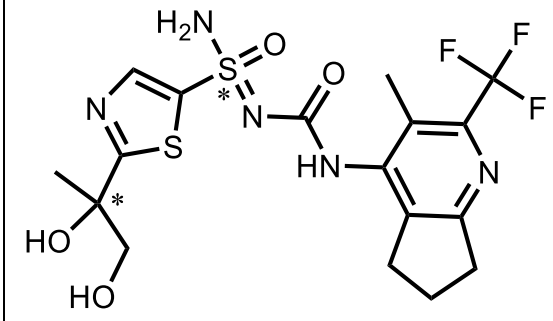
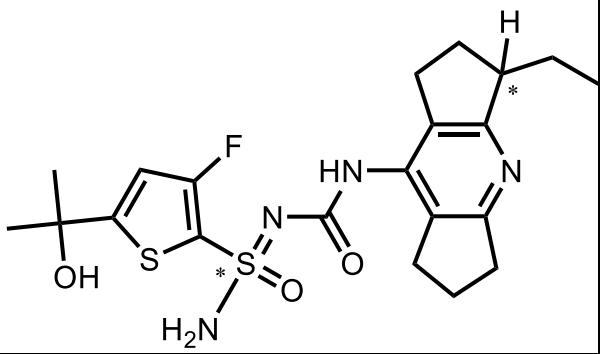
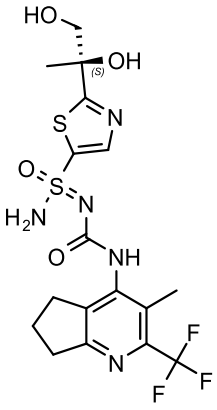
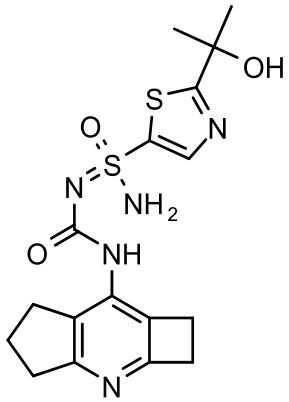
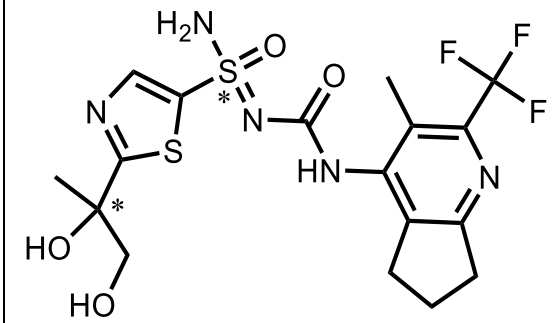
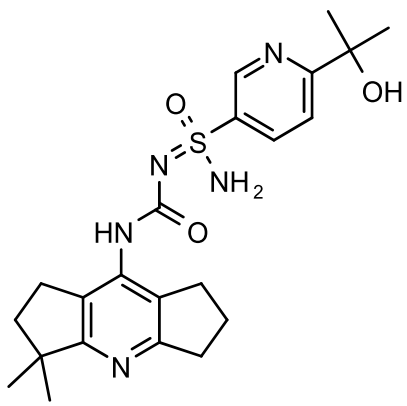
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601		**668**	

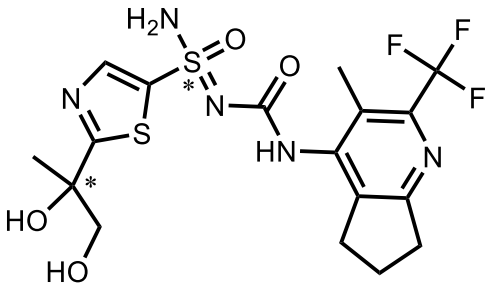
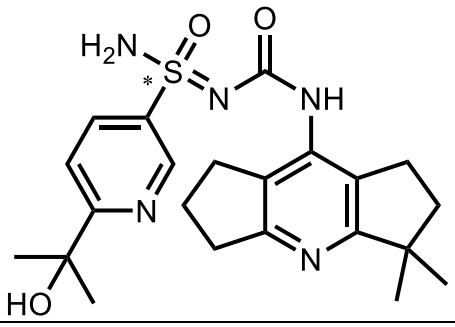
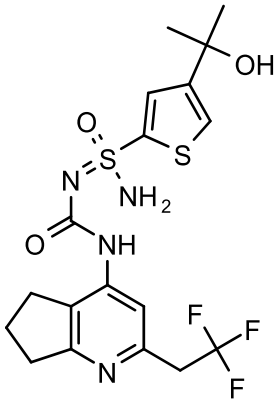
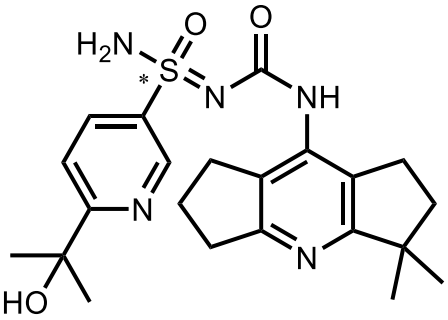
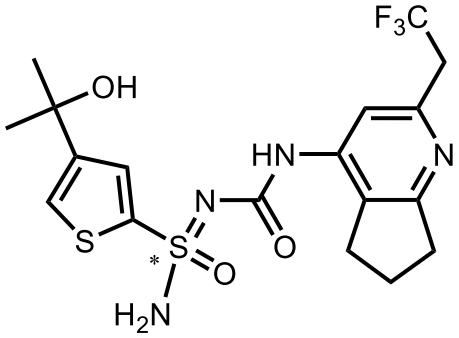
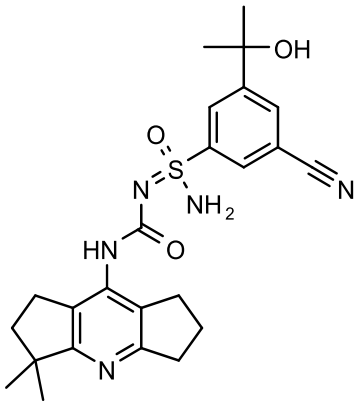
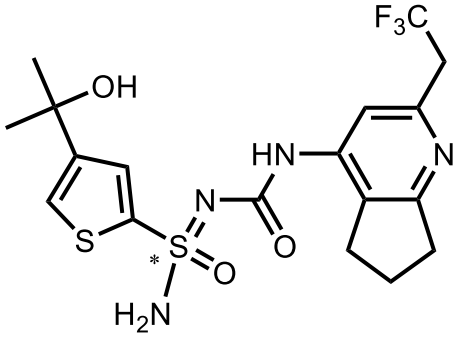
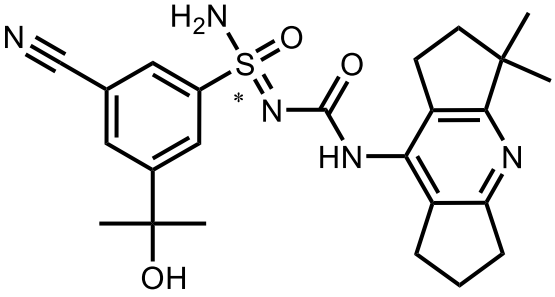
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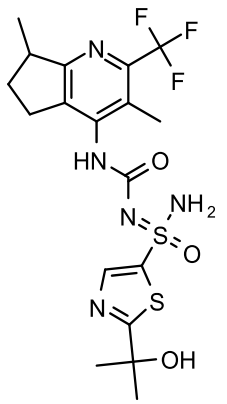
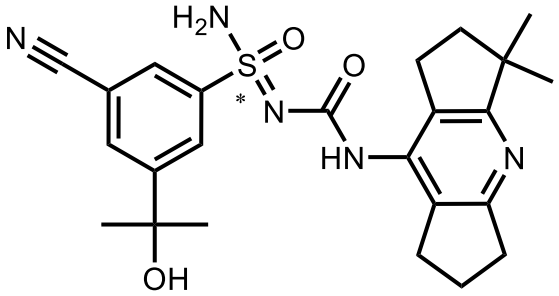
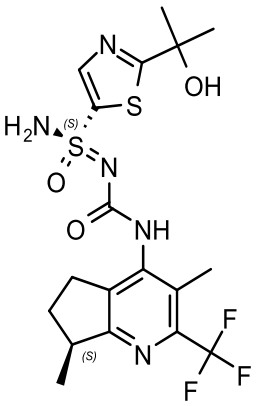
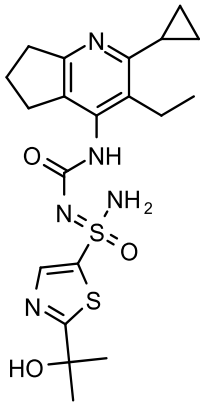
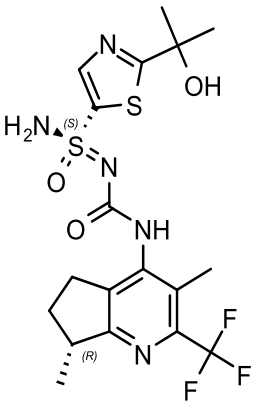
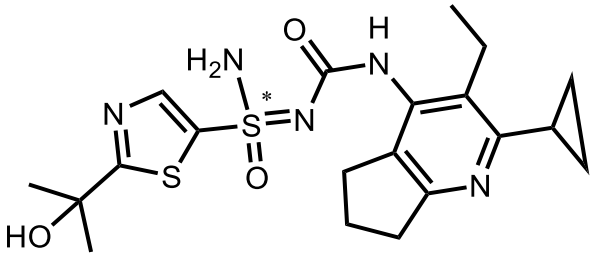
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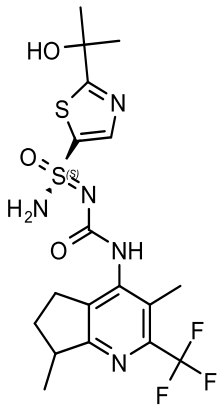
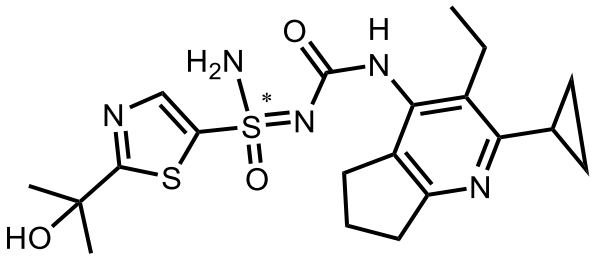
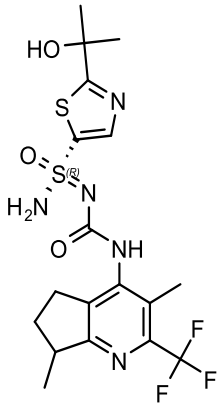
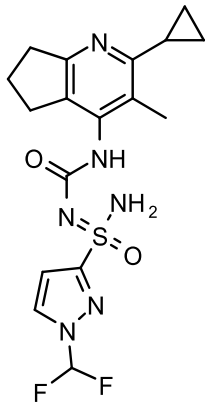
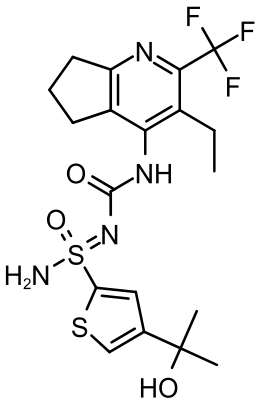
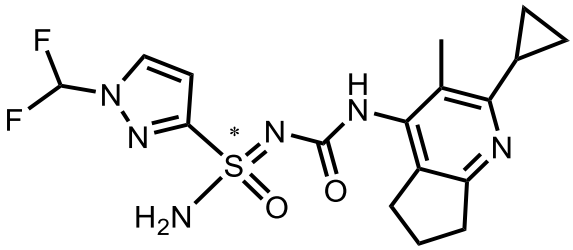
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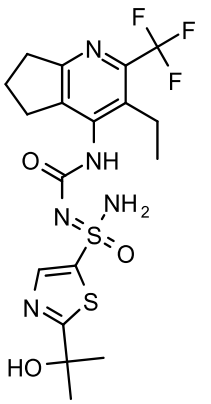
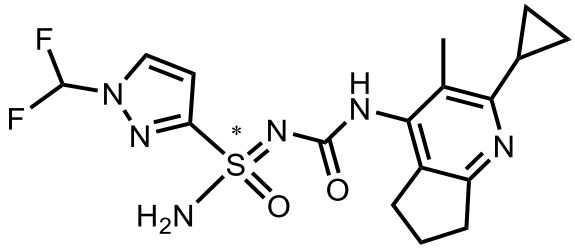
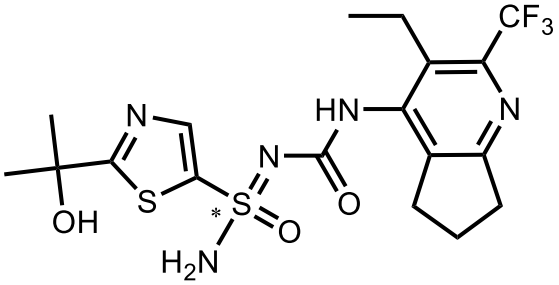
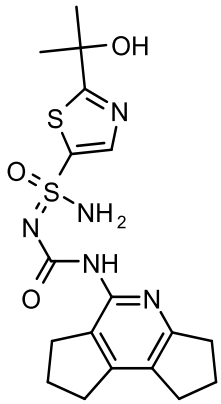
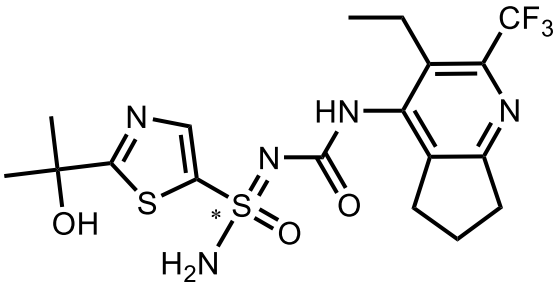
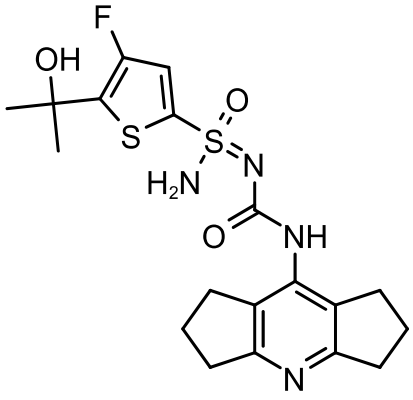
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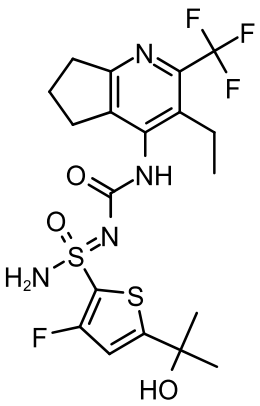
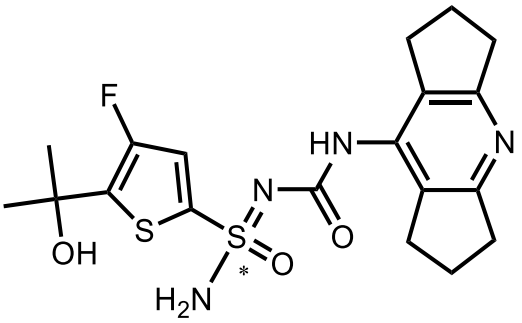
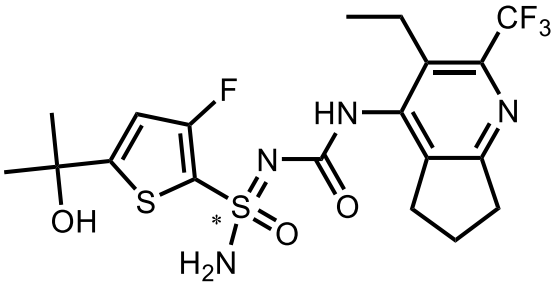
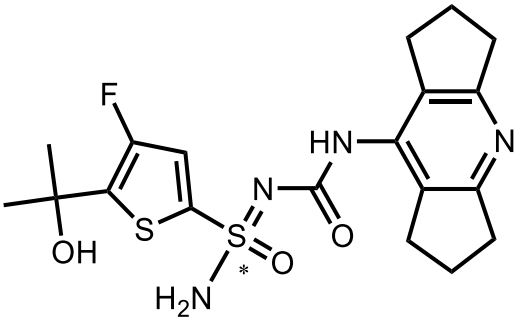
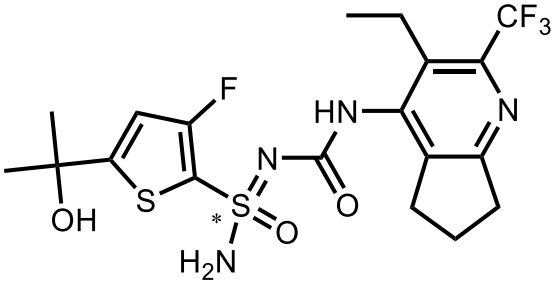
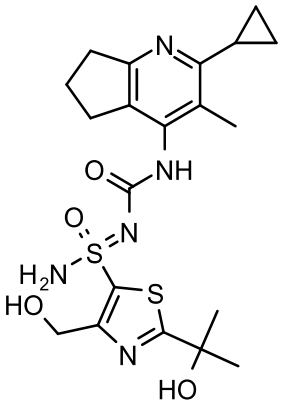
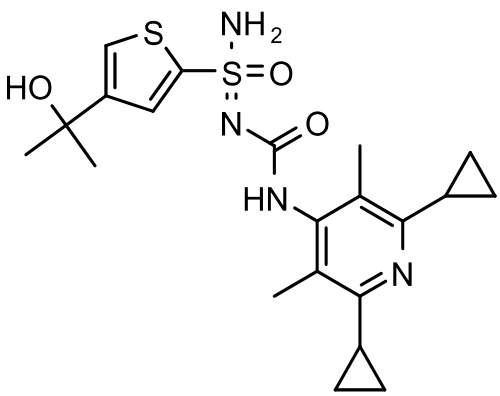
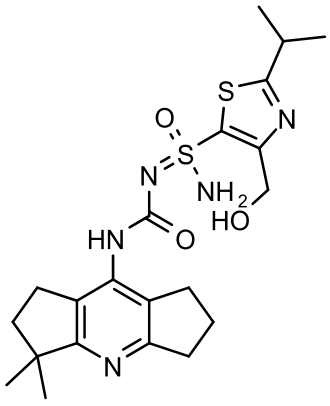
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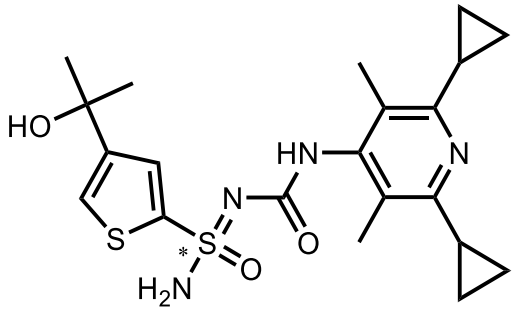
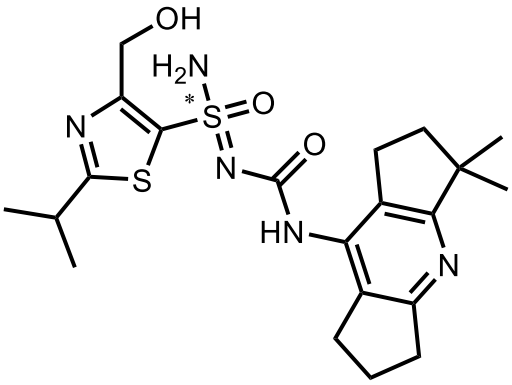
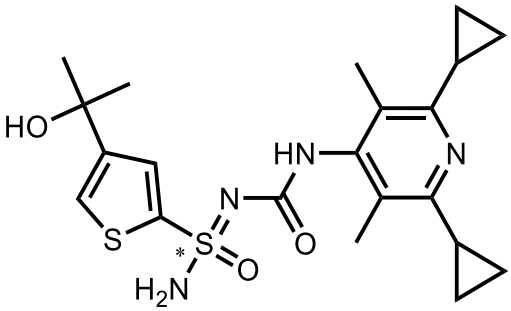
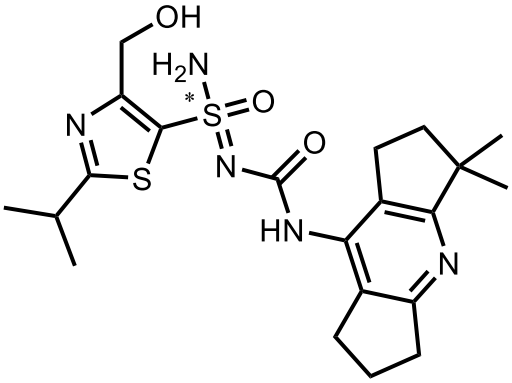
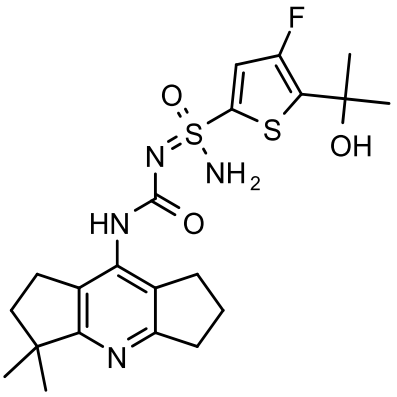
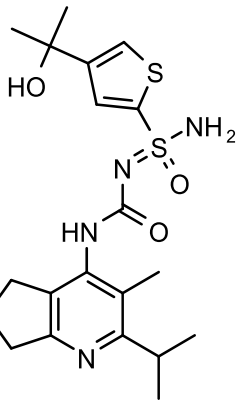
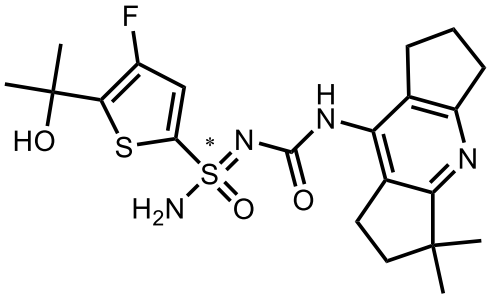
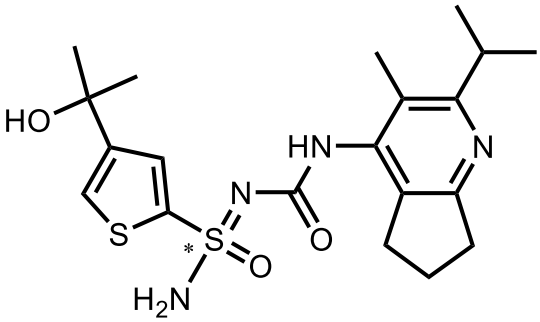
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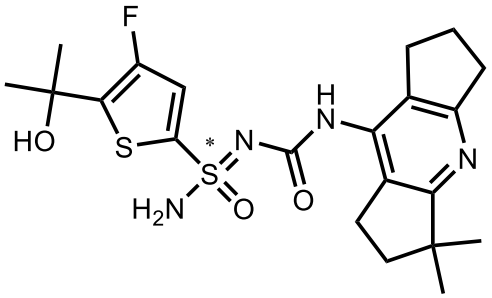
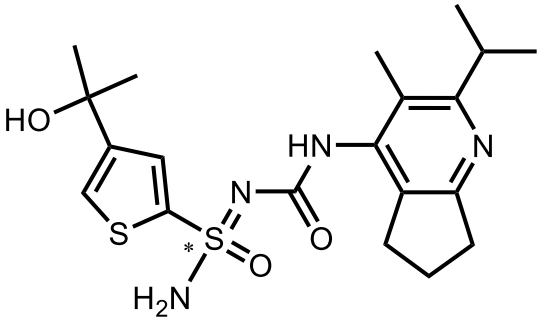
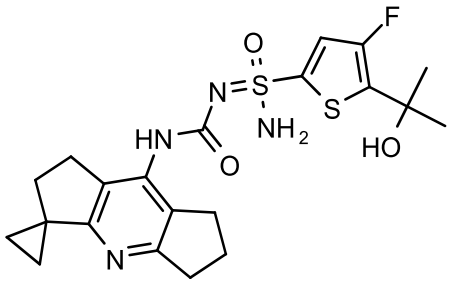
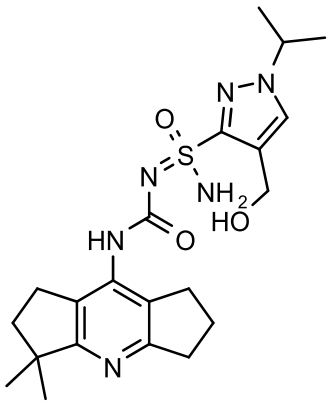
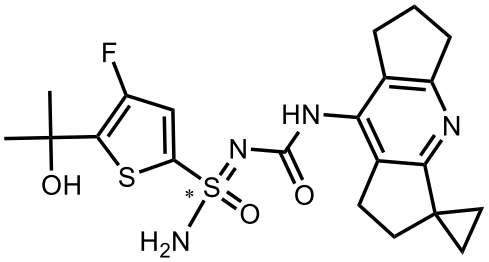
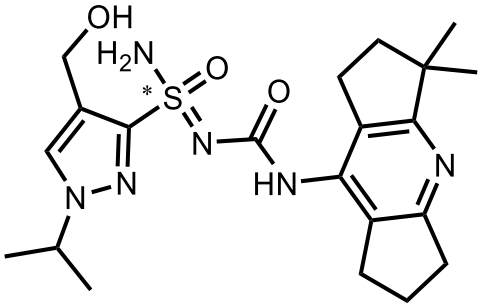
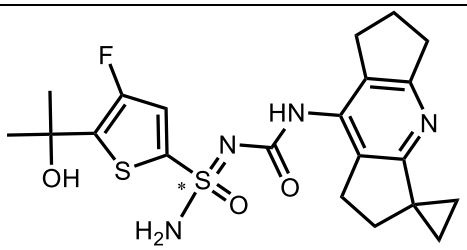
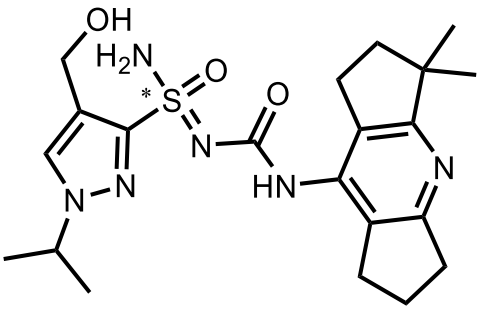
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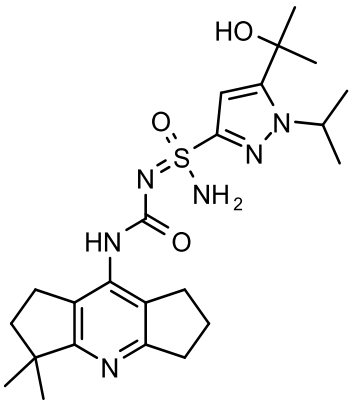
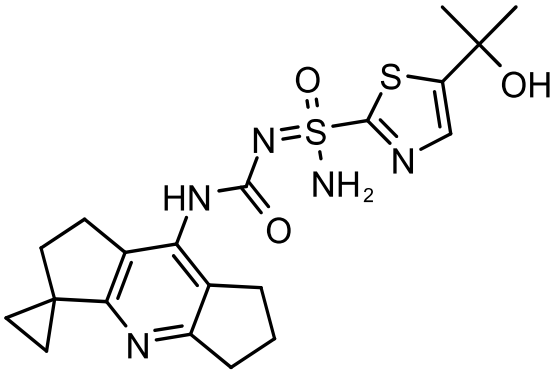
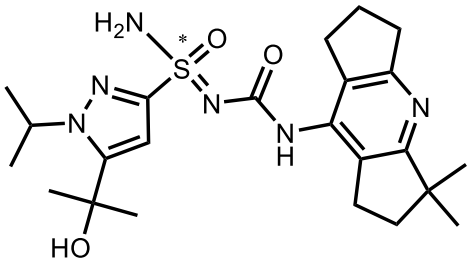
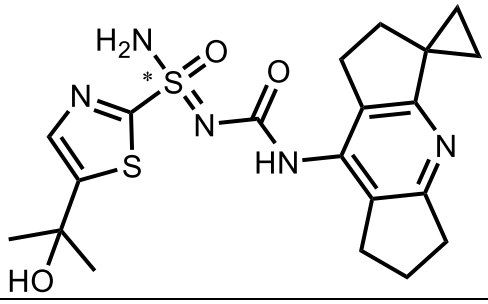
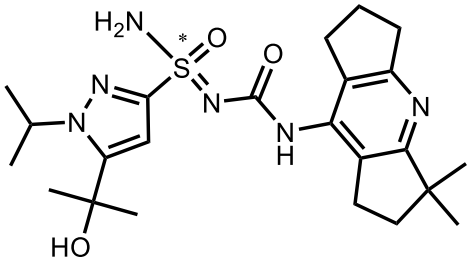
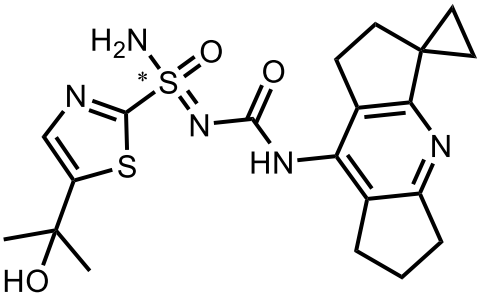
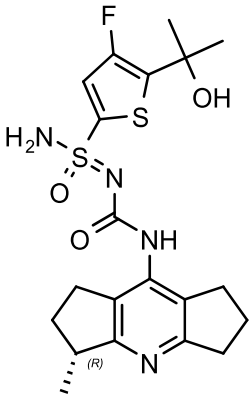
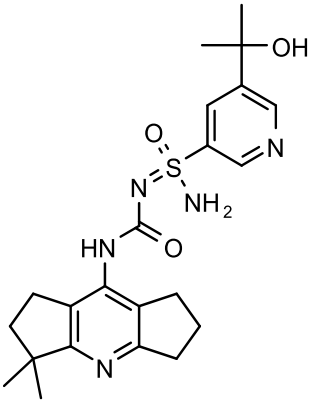
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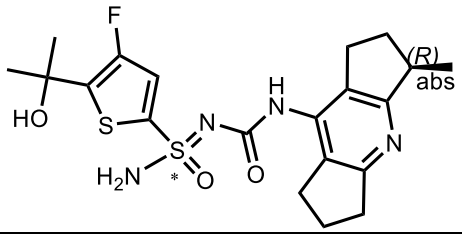
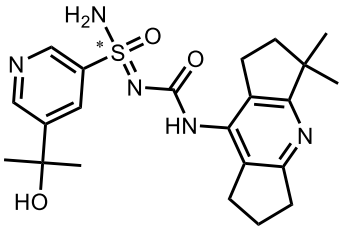
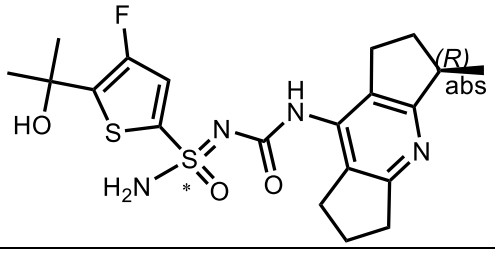
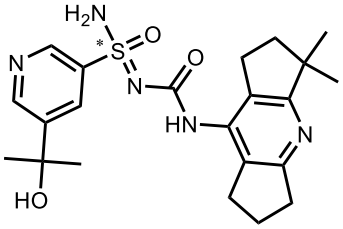
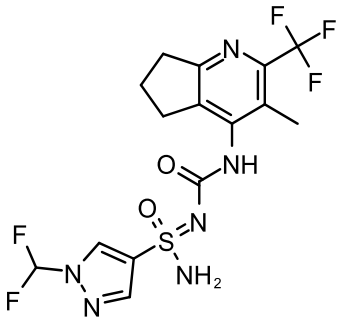
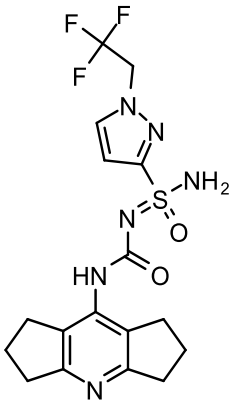
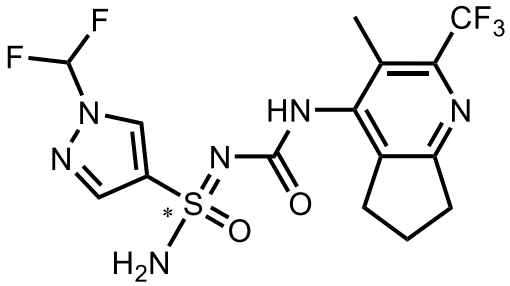
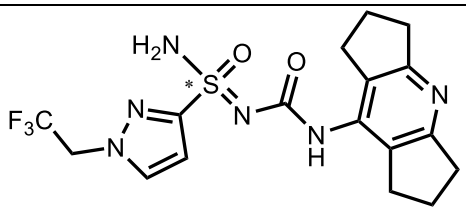
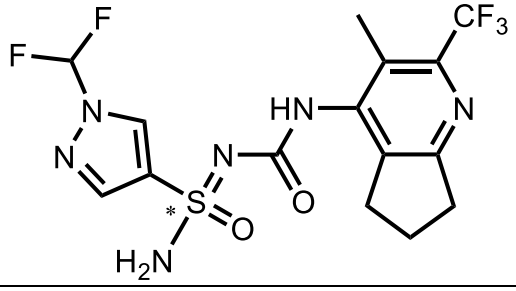
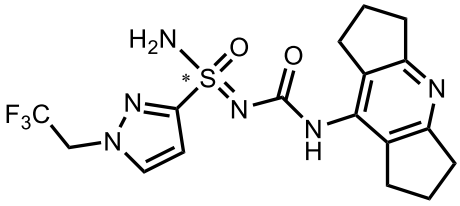
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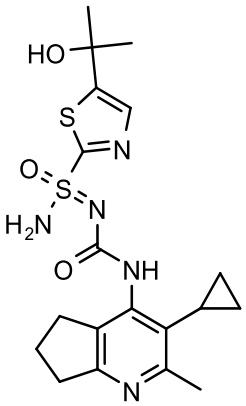
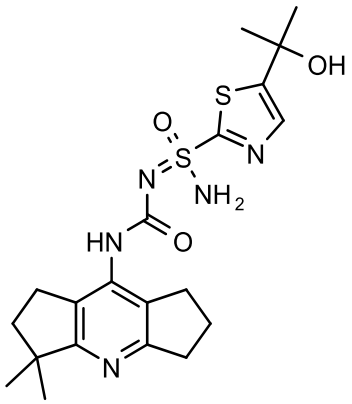
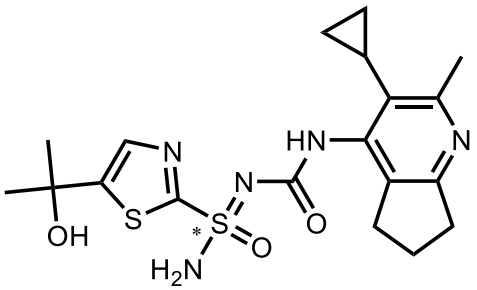
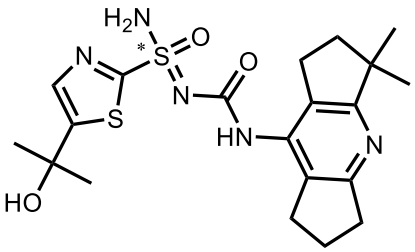
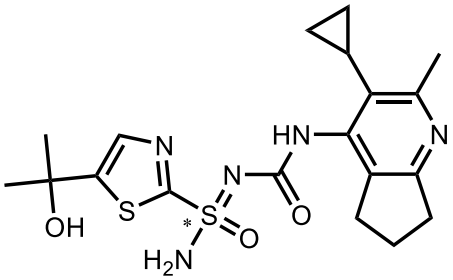
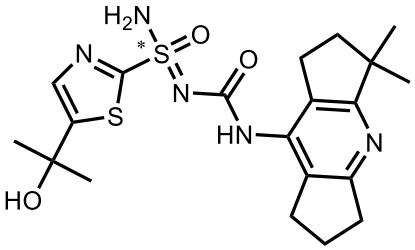
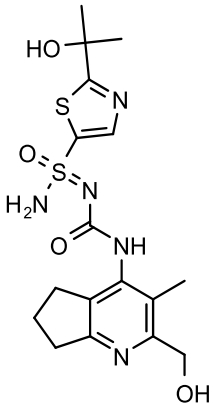
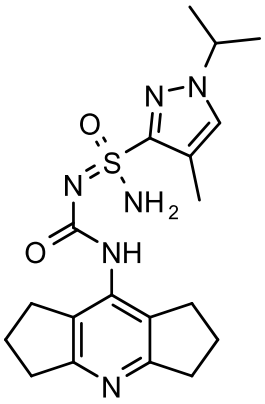
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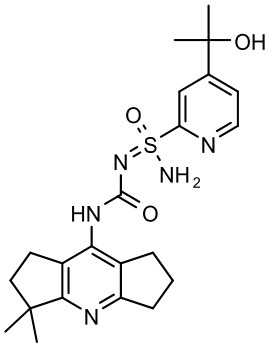
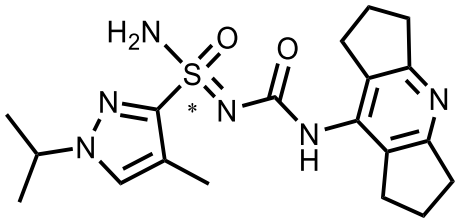
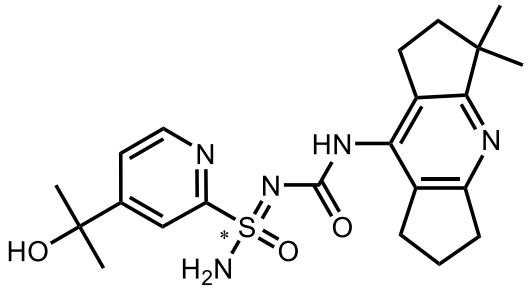
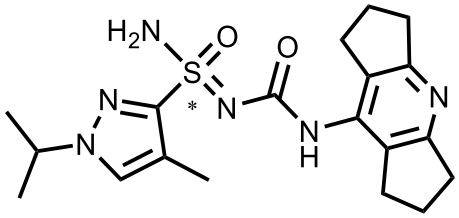
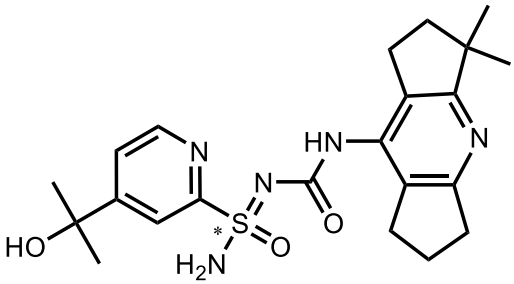
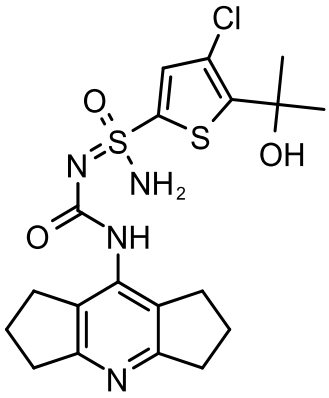
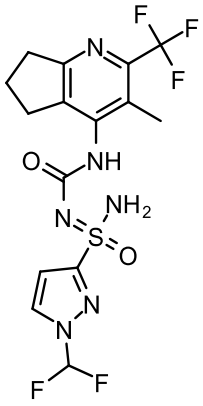
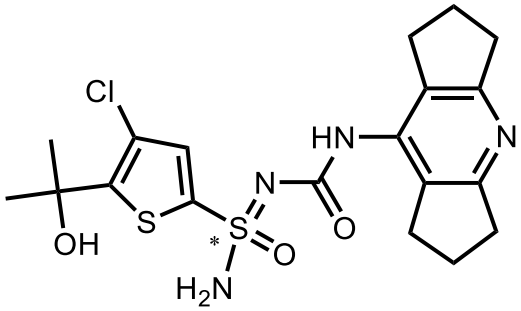
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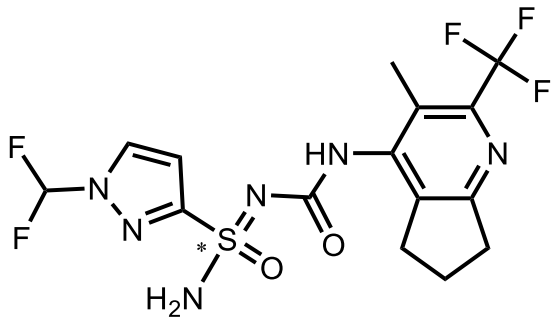
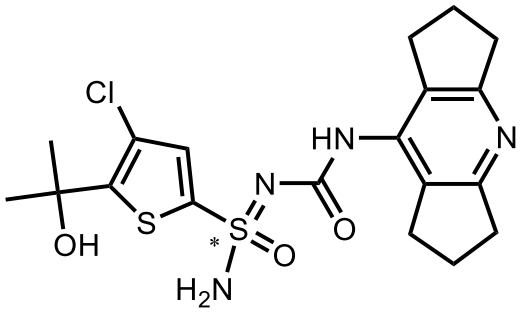
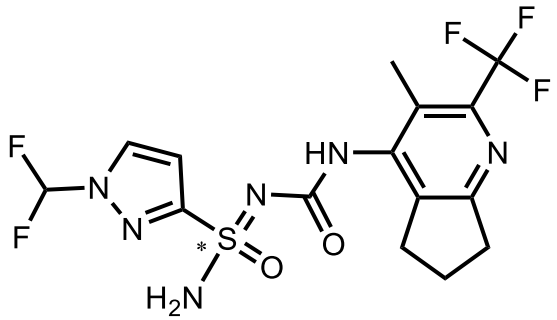
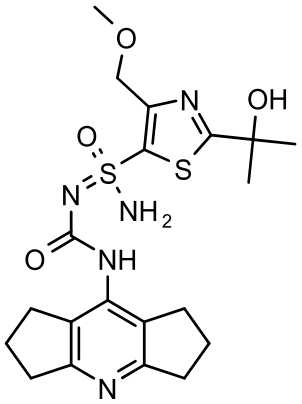
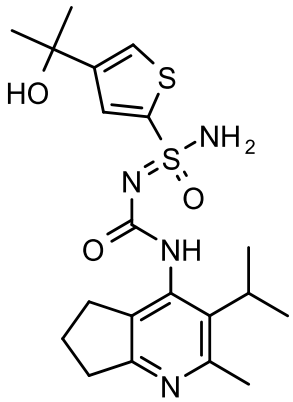
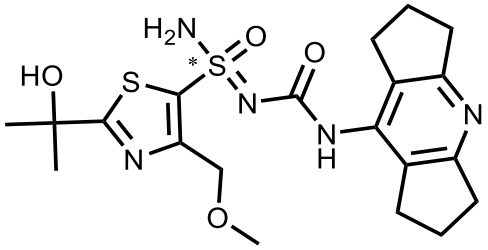
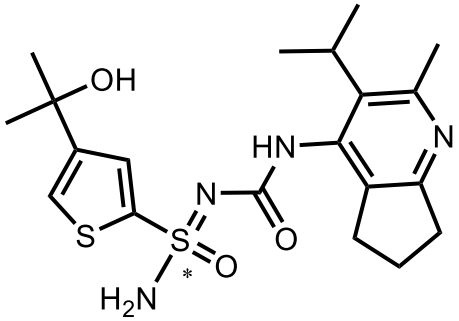
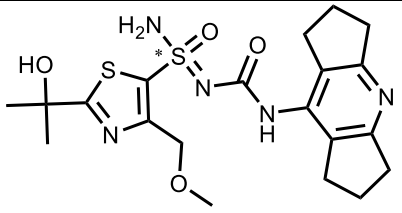
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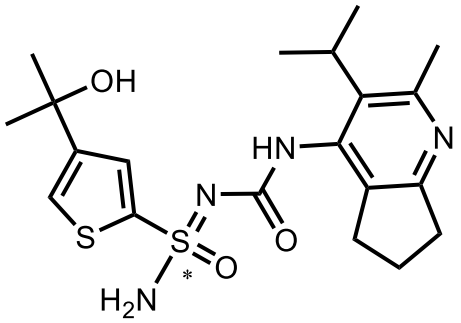
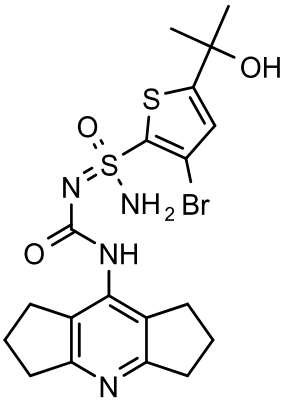
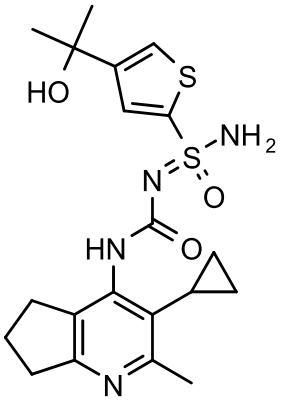
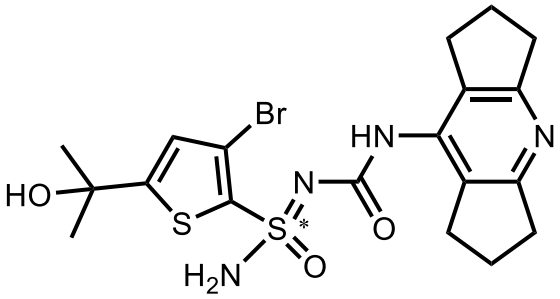
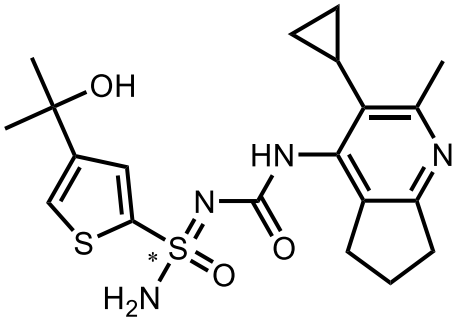
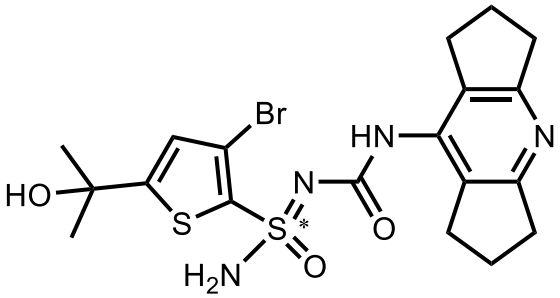
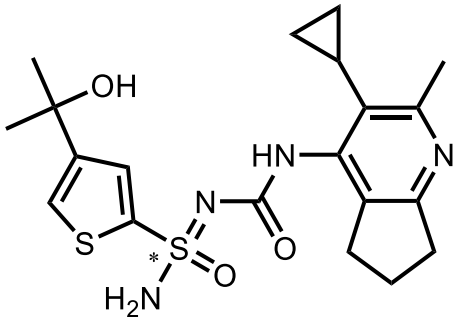
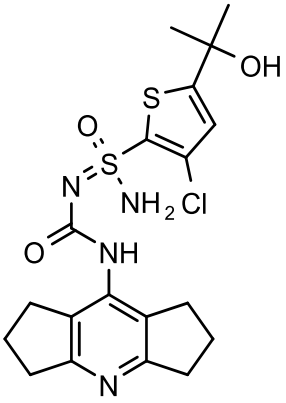
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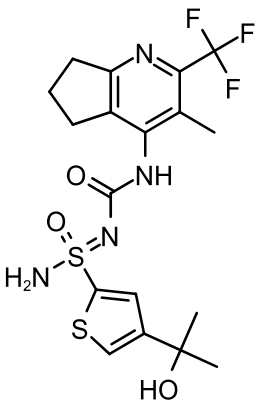
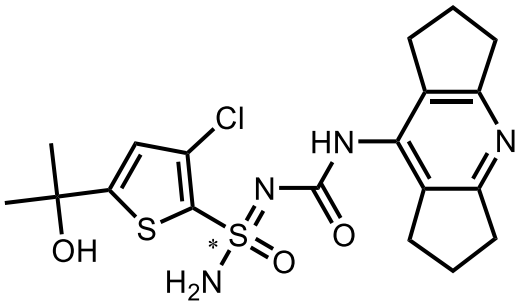
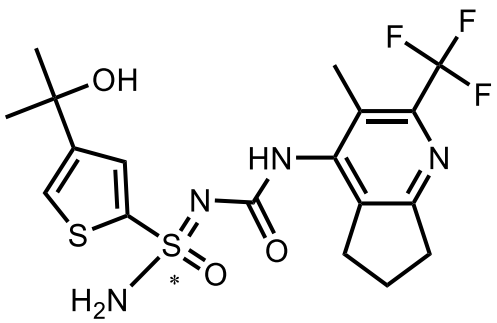
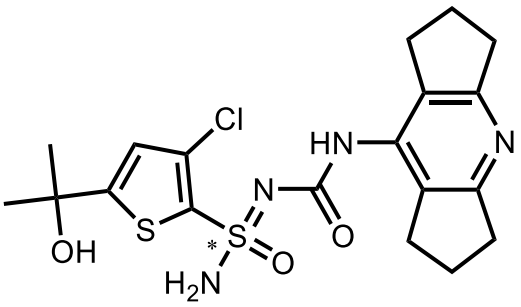
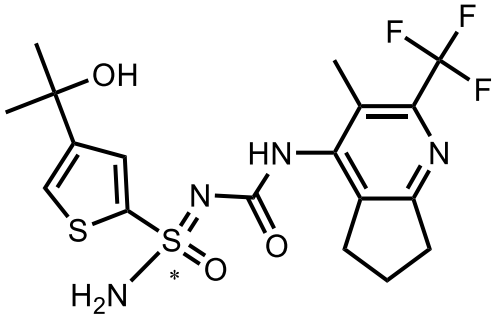
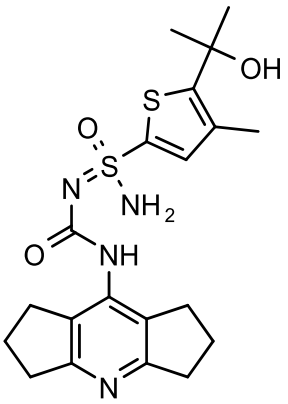
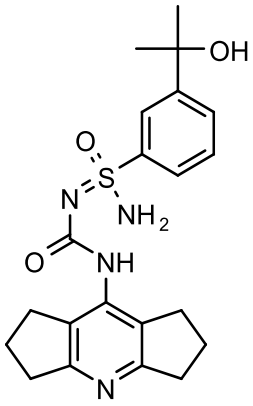
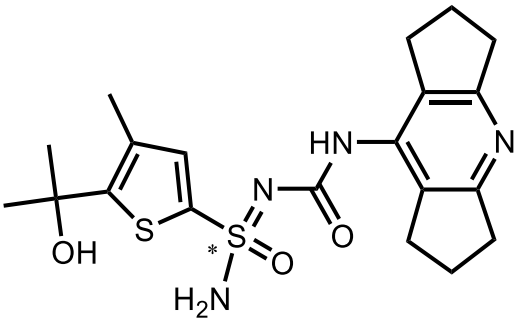
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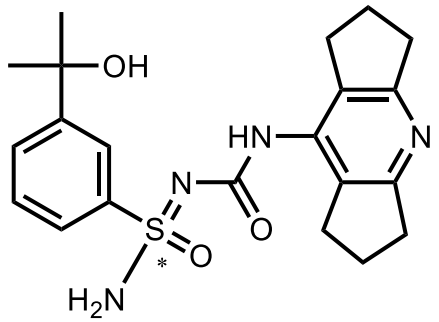
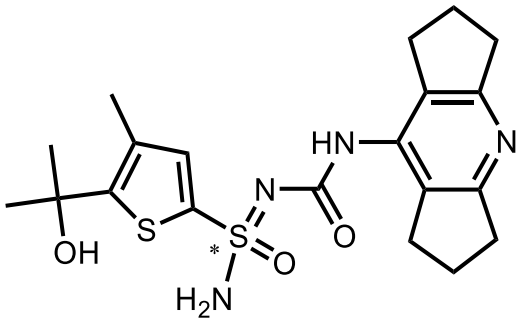
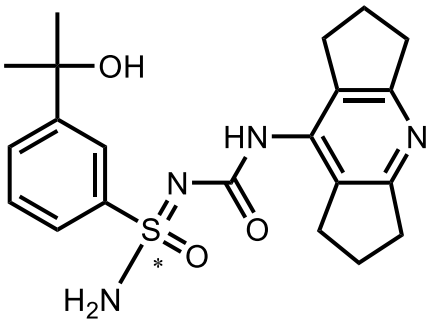
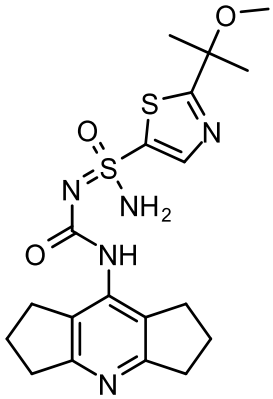
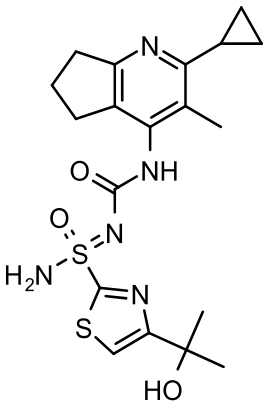
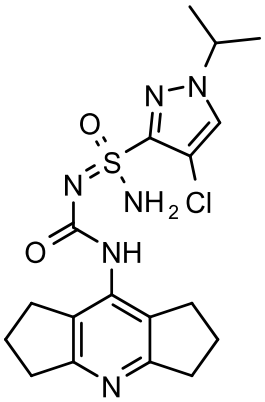
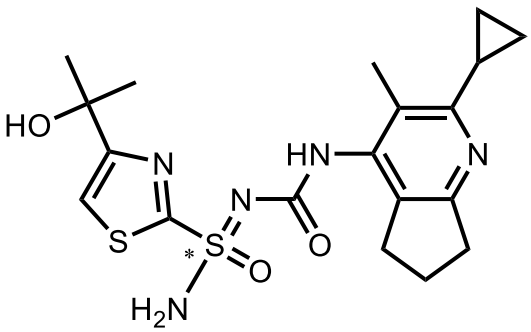
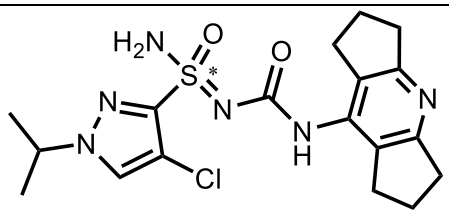
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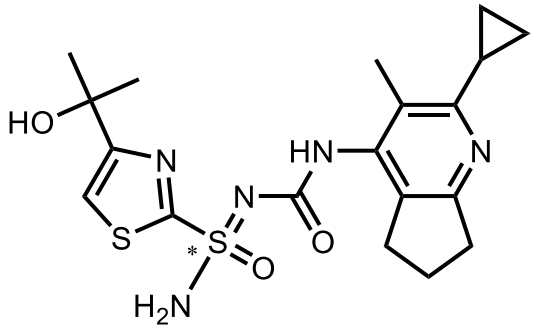
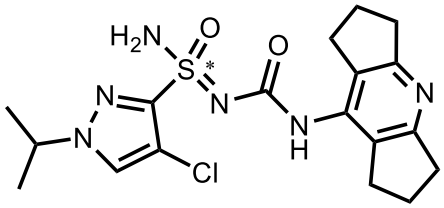
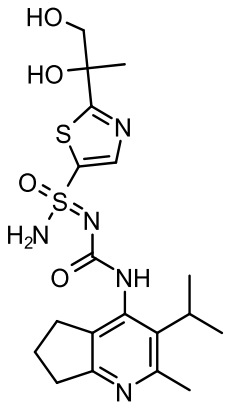
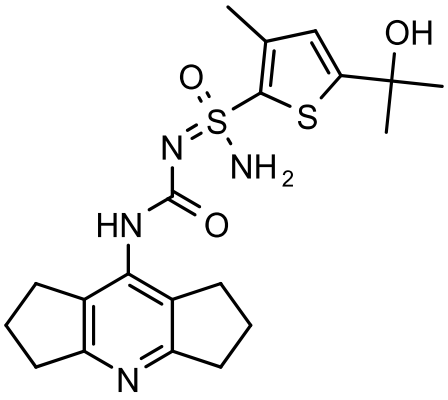
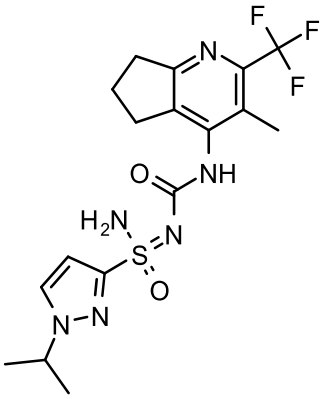
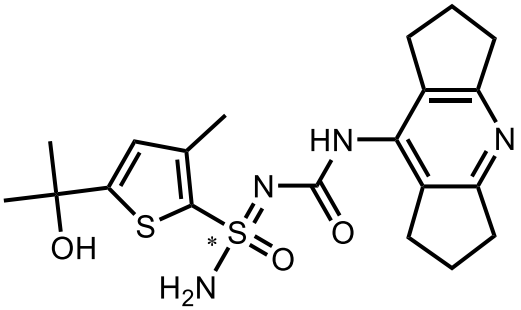
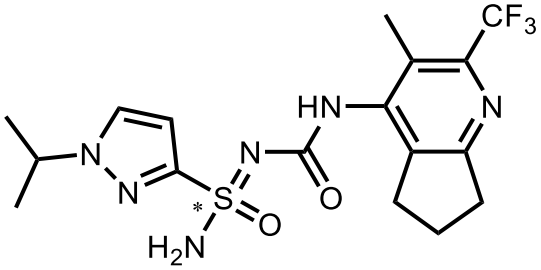
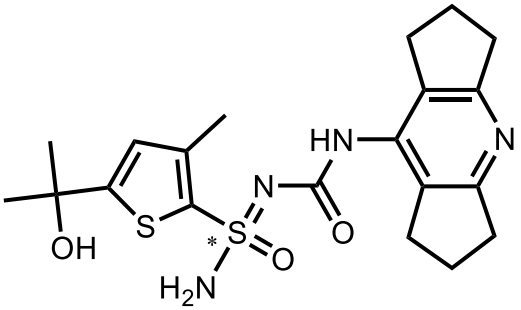
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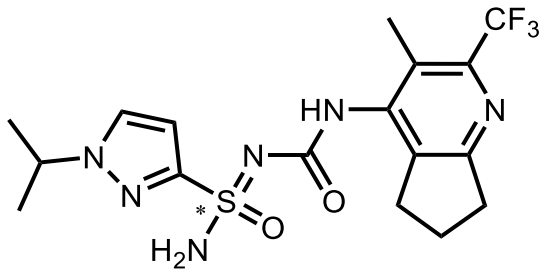
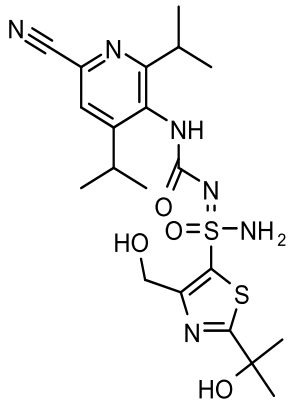
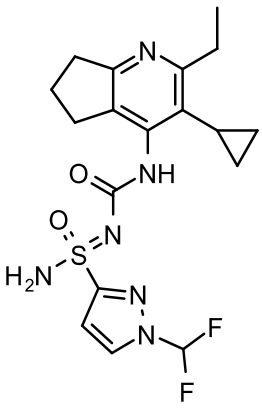
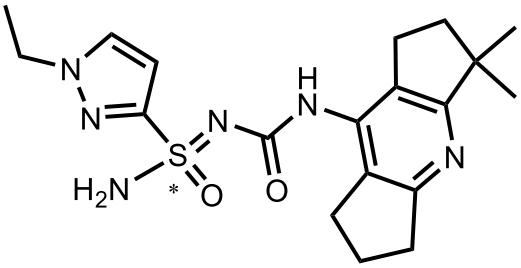
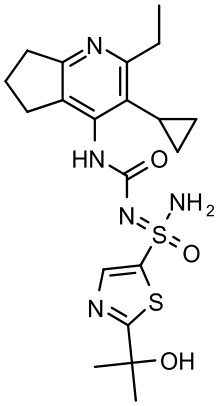
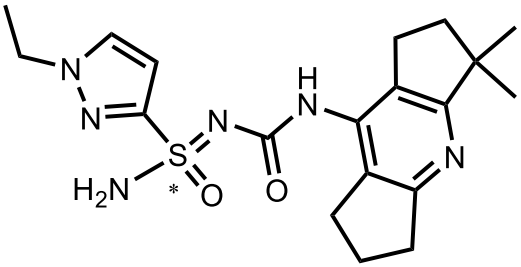
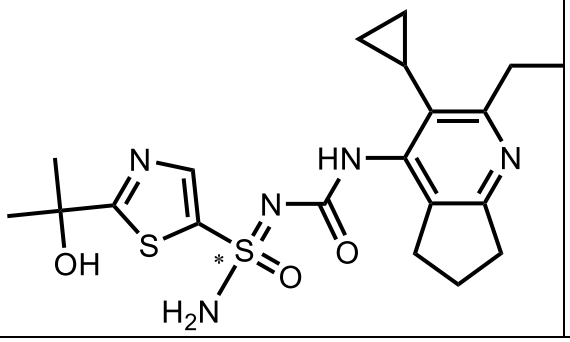
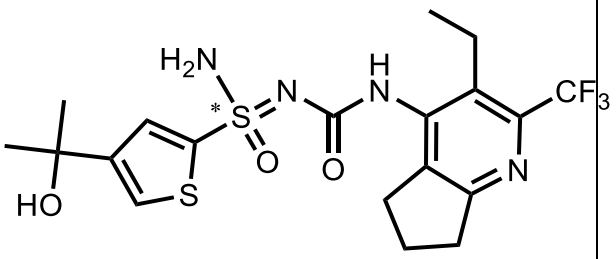
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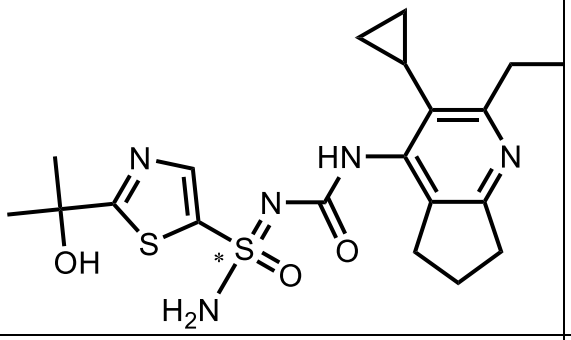
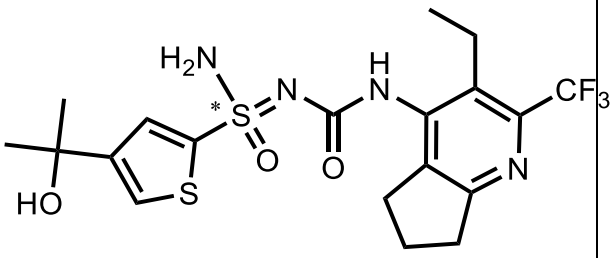
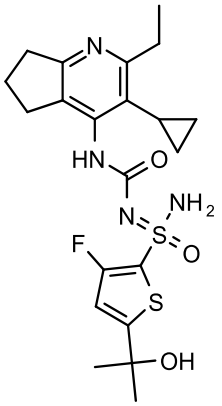
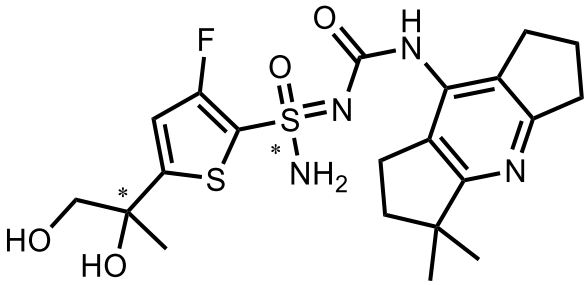
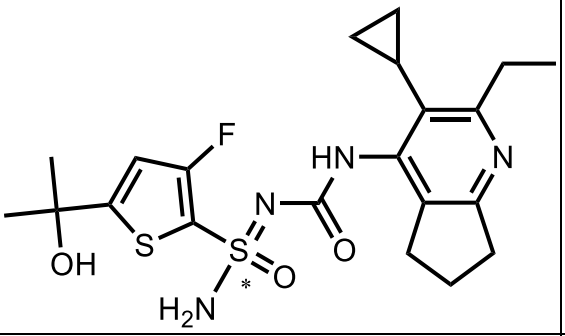
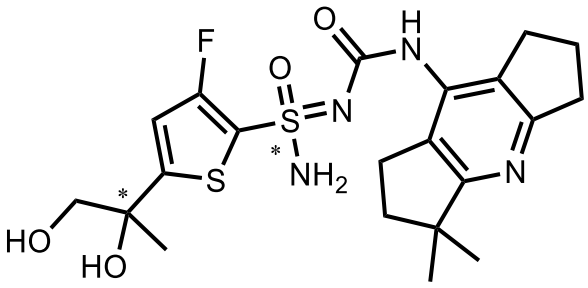
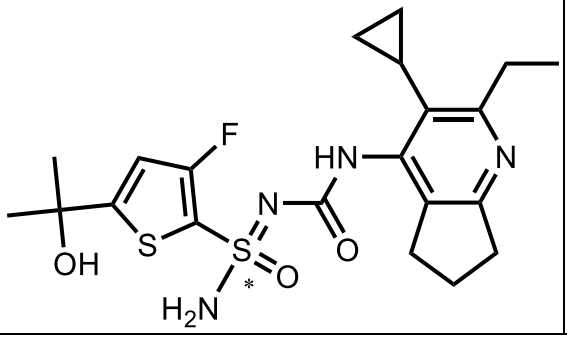
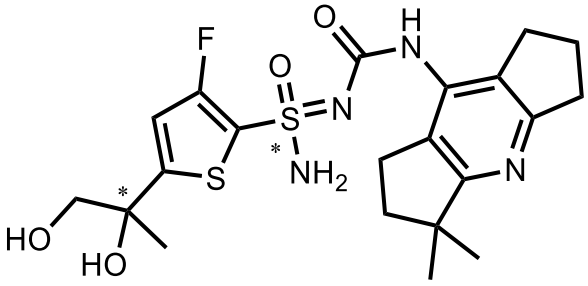
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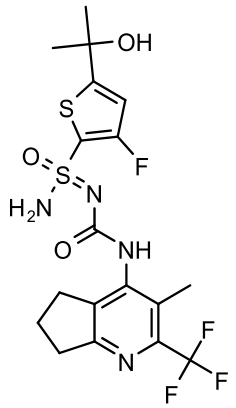
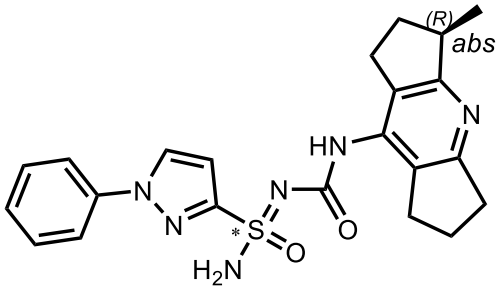
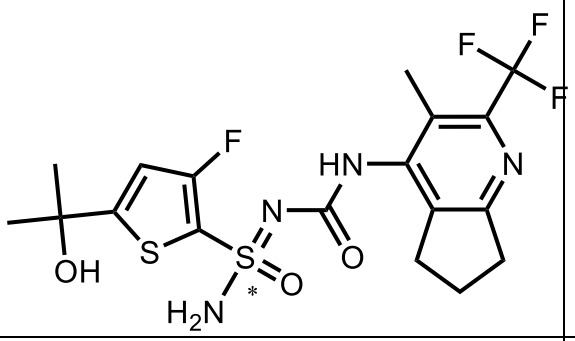
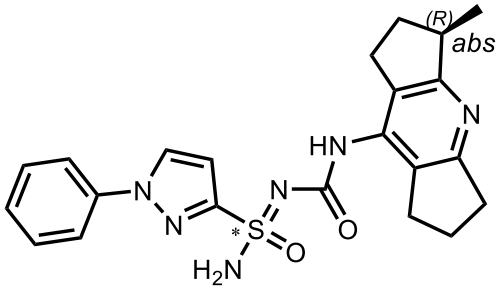
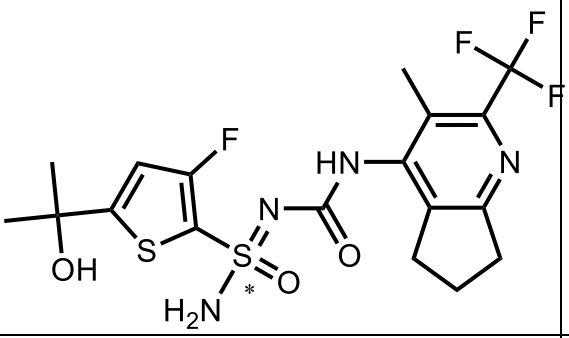
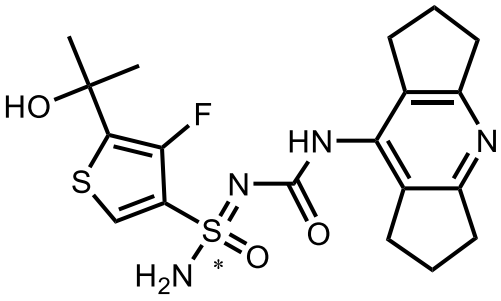
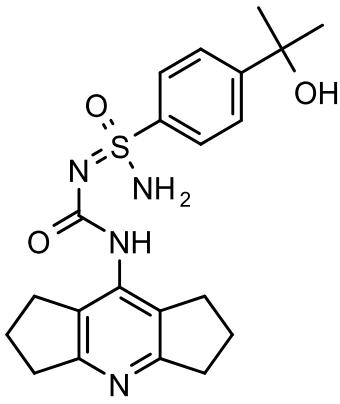
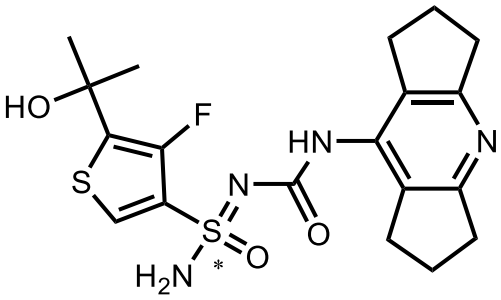
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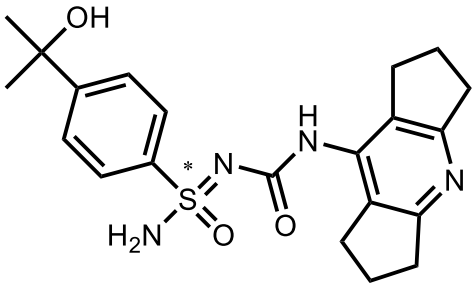
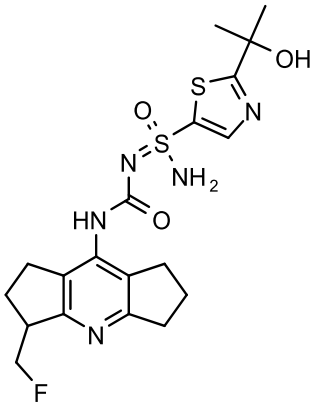
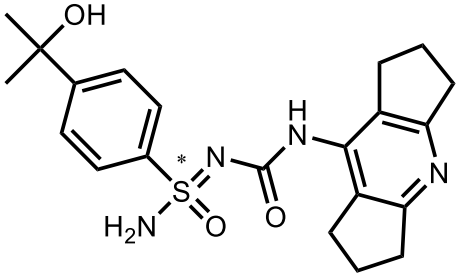
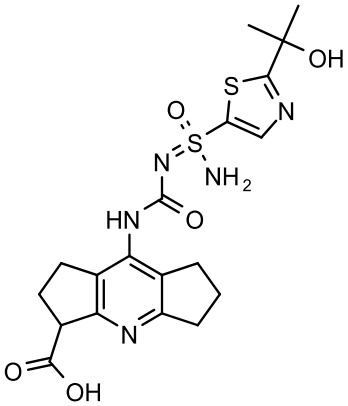
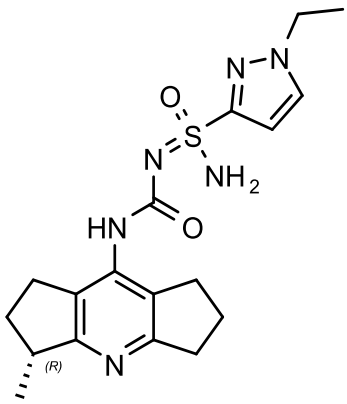
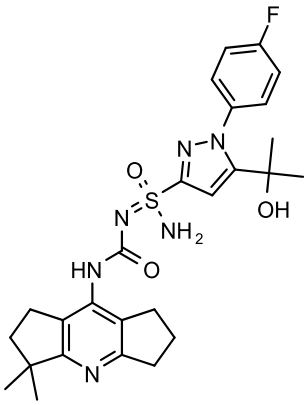
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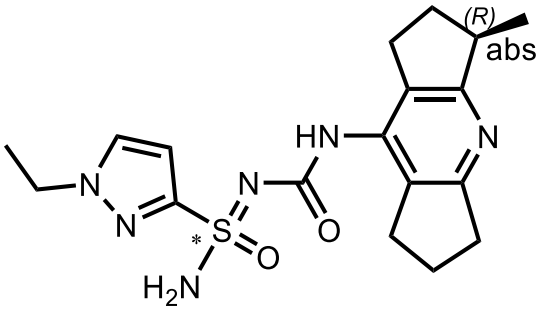
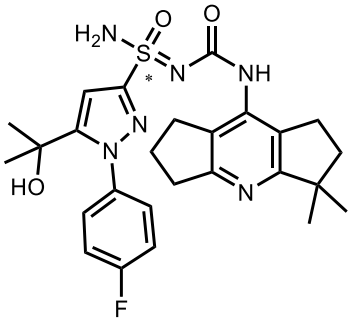
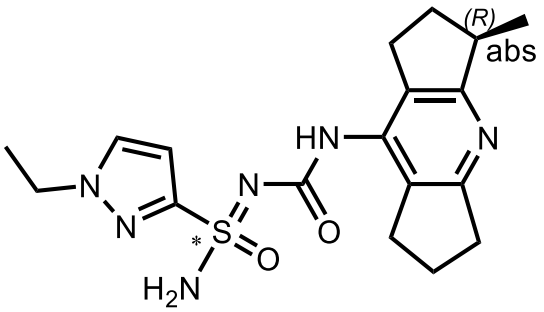
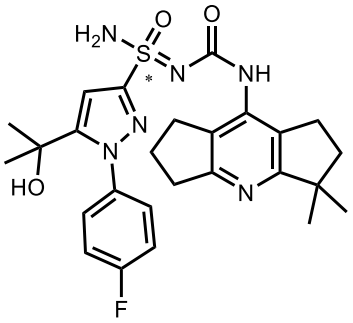
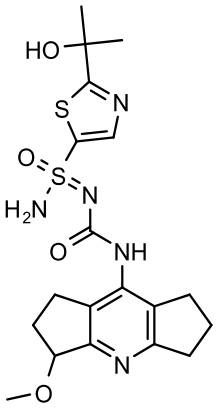
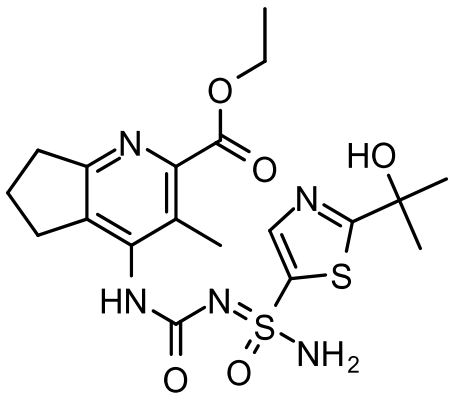
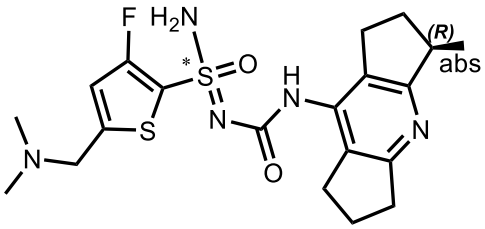
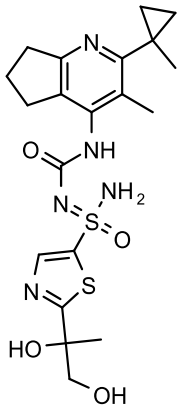
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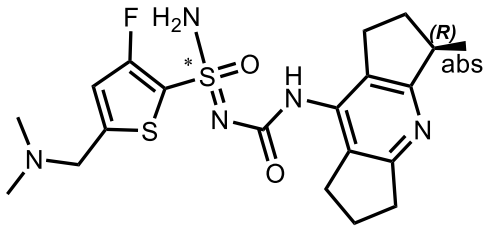
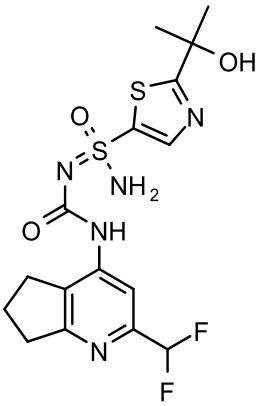
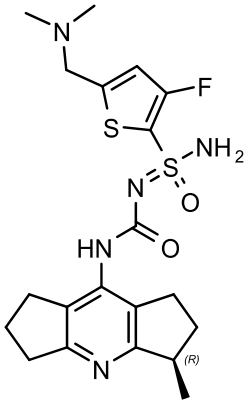
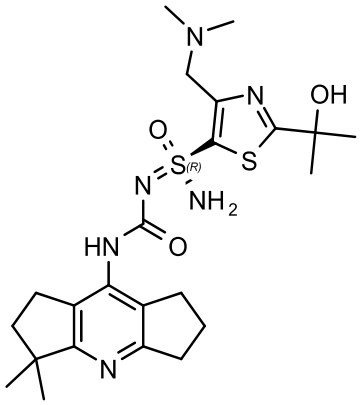
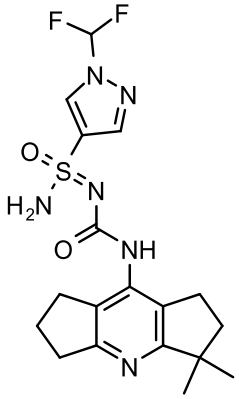
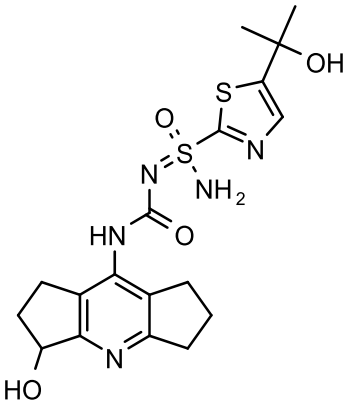
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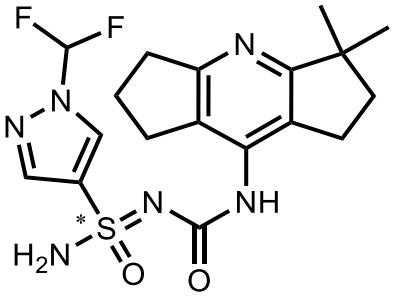
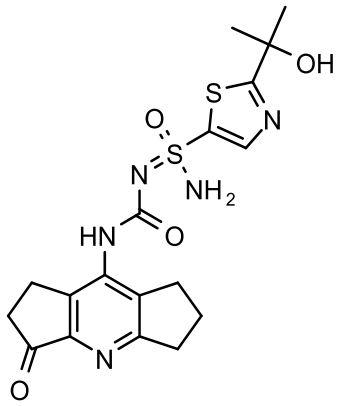
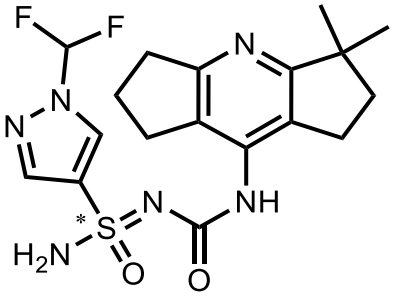
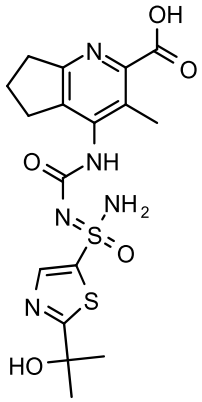
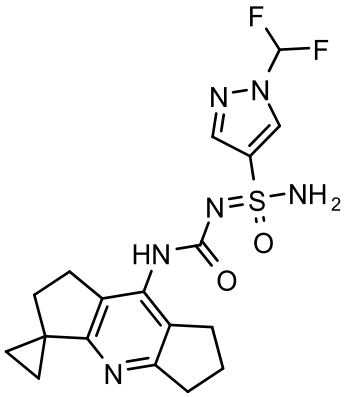
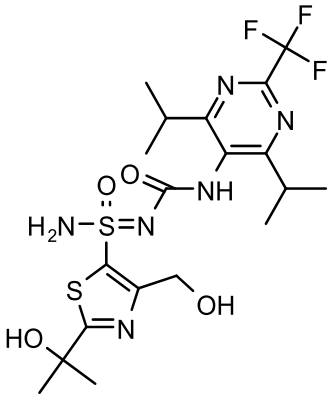
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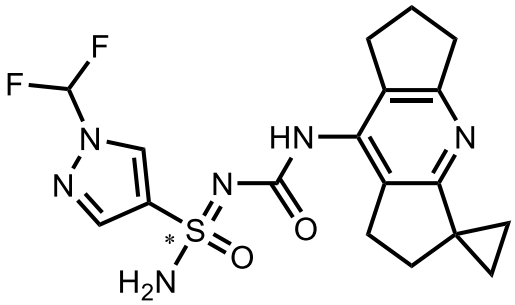
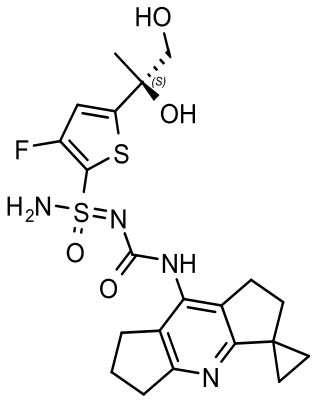
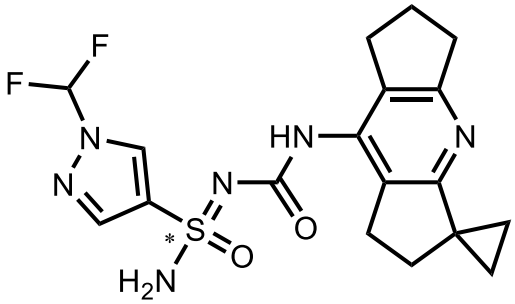
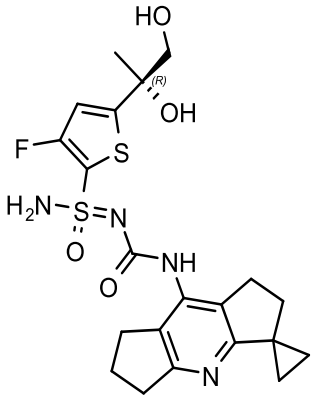
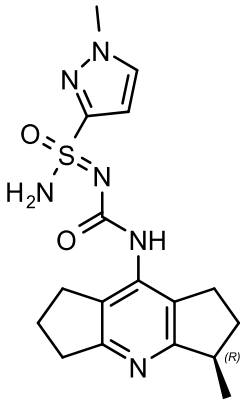
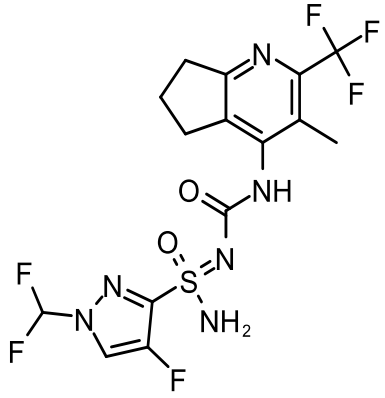
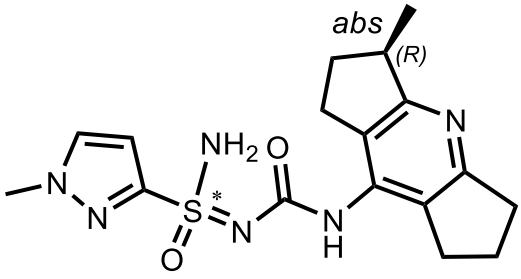
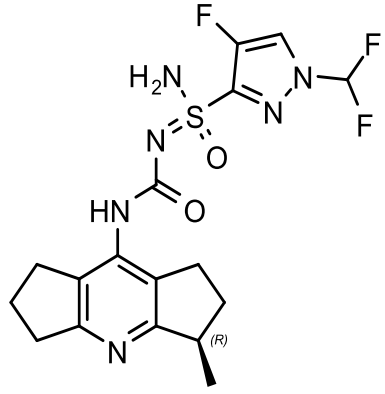
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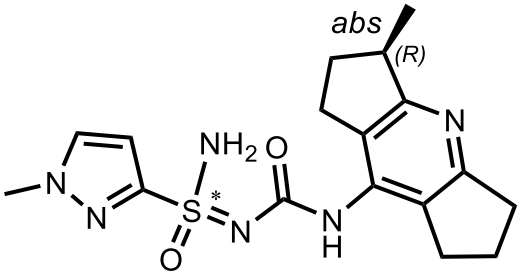
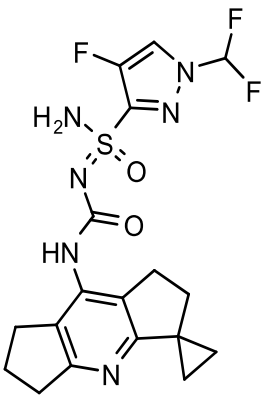
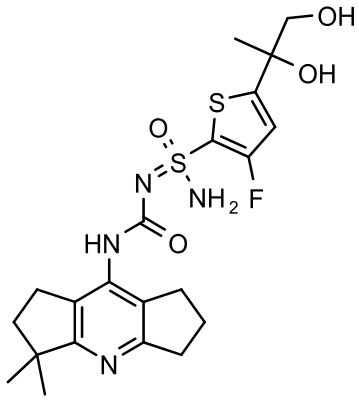
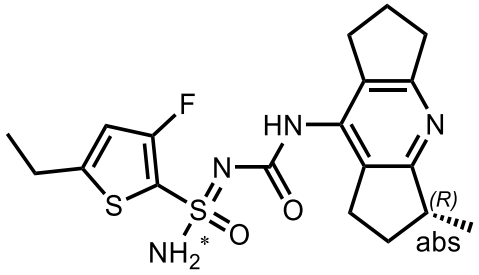
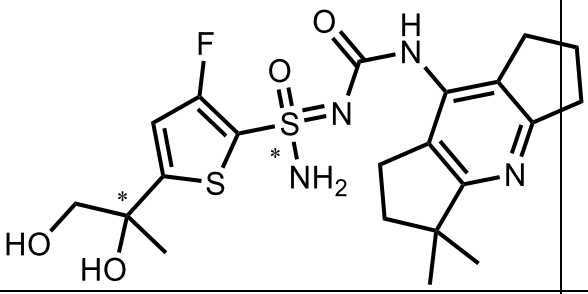
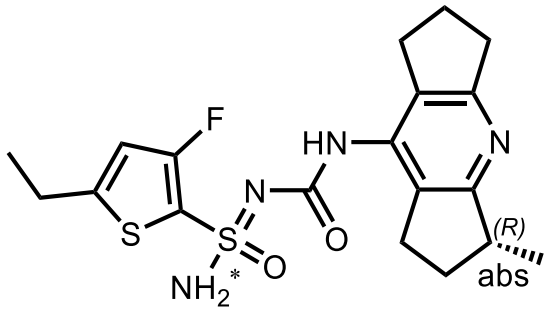
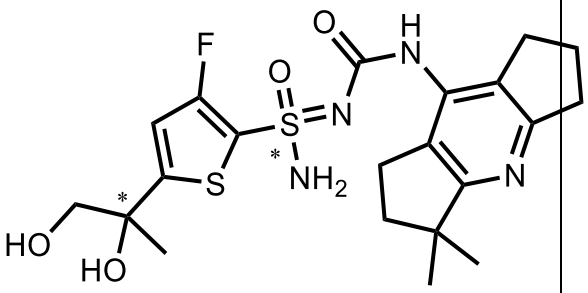
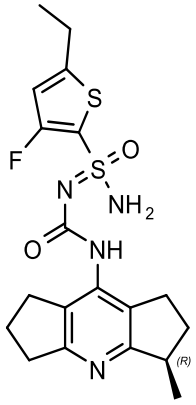
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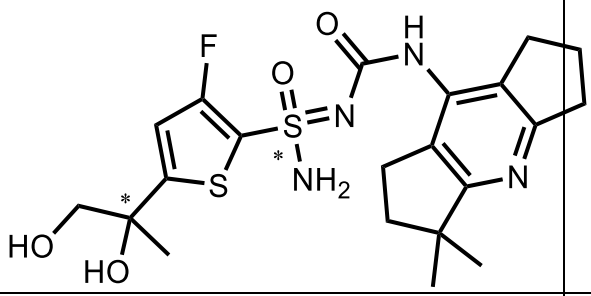
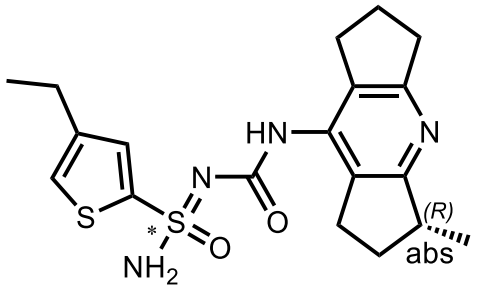
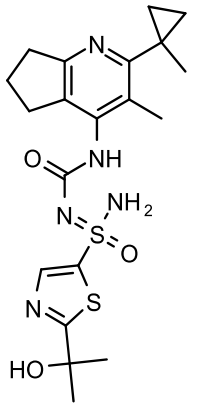
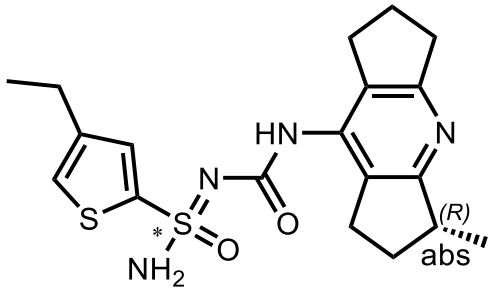
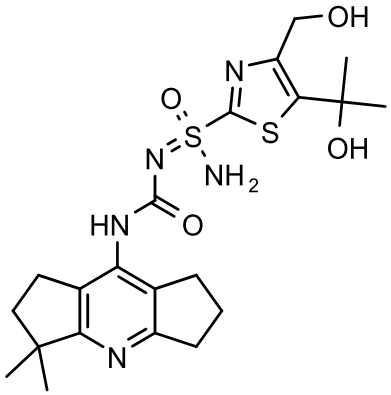
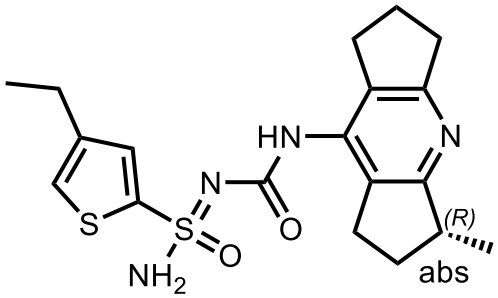
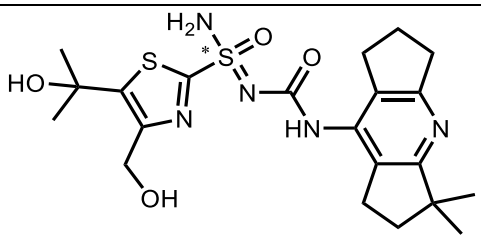
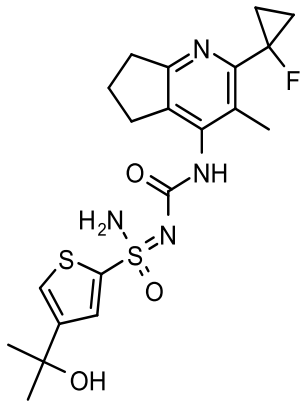
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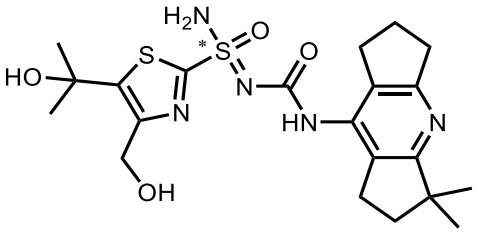
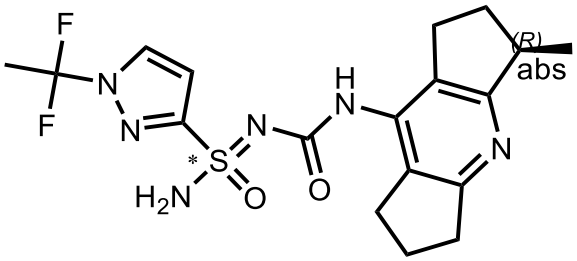
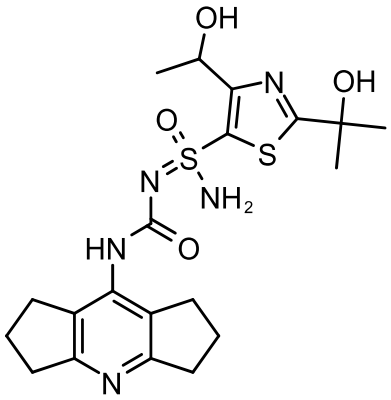
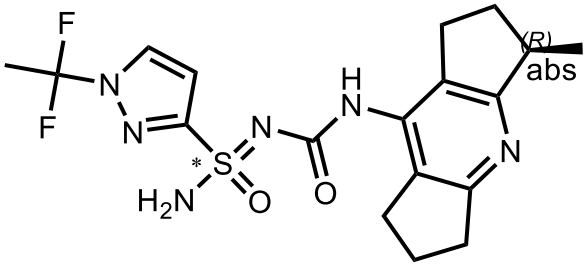
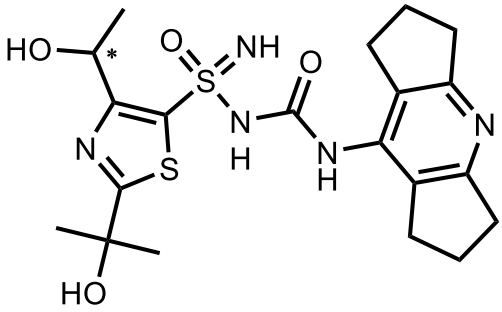
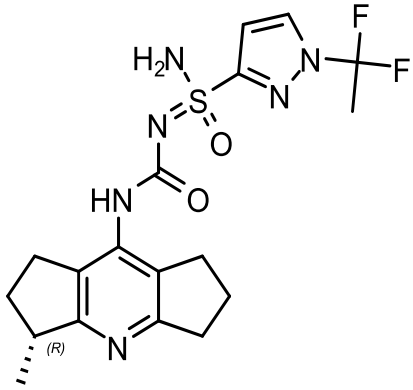
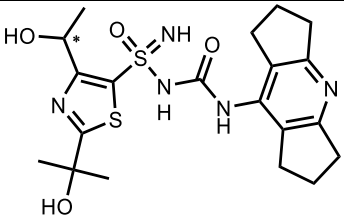
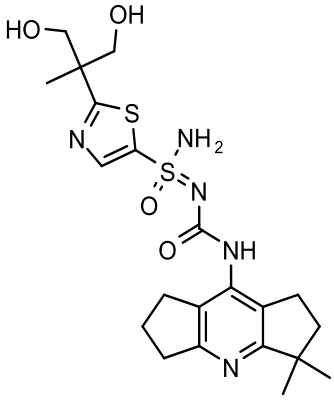
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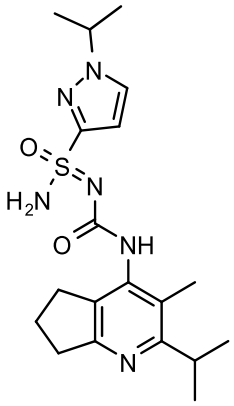
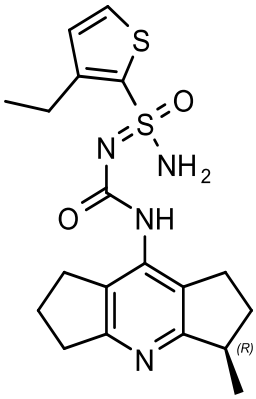
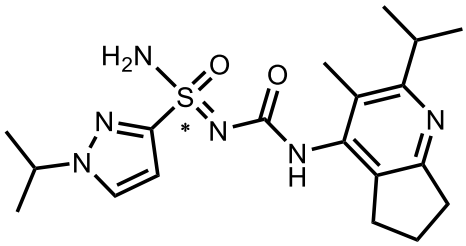
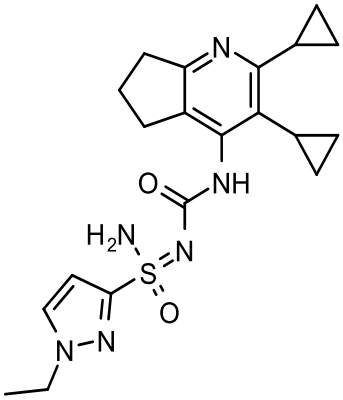
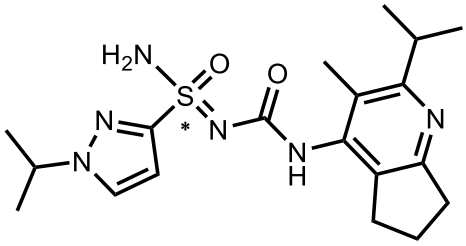
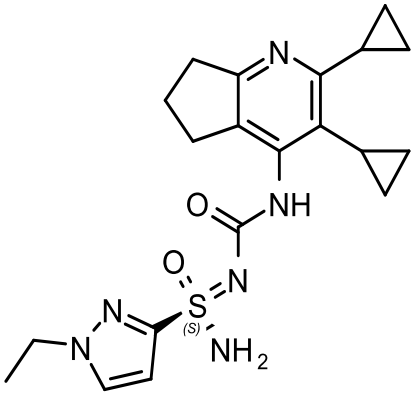
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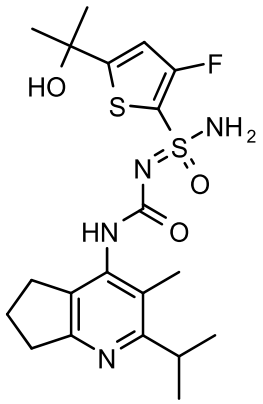
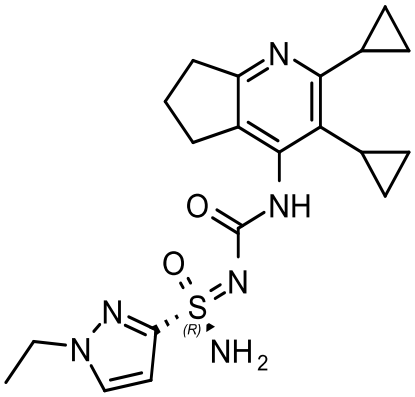
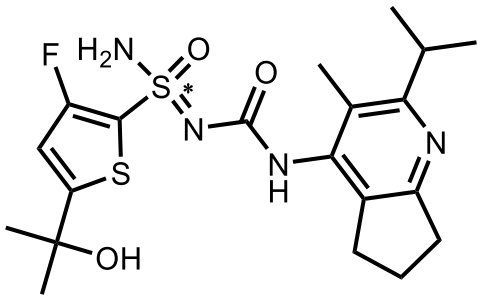
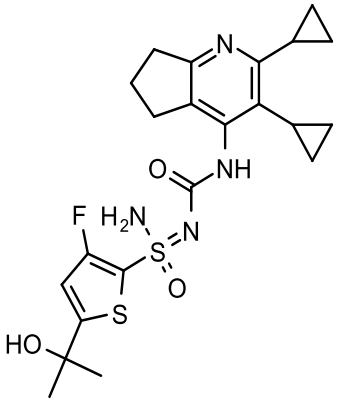
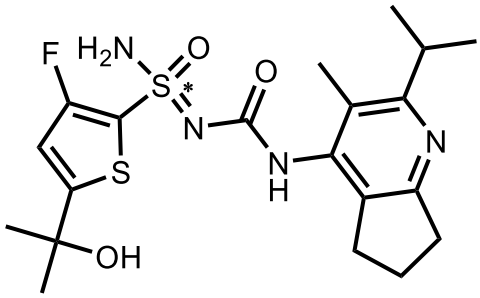
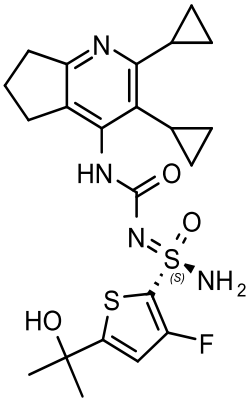
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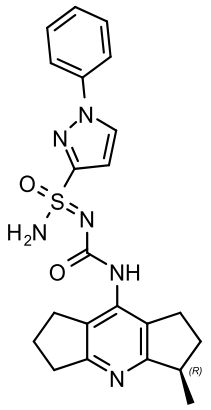
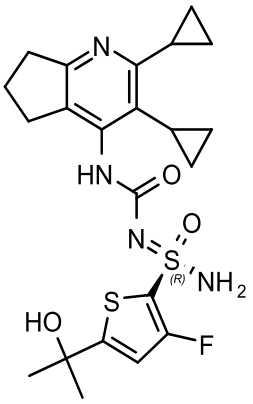
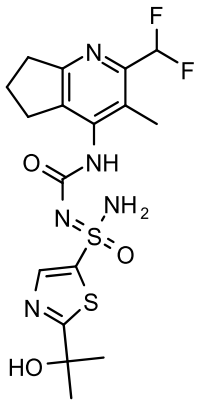
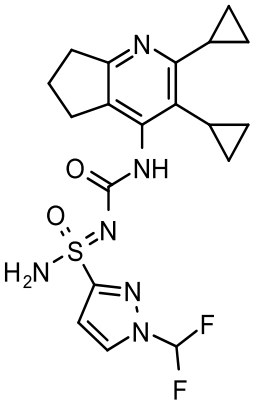
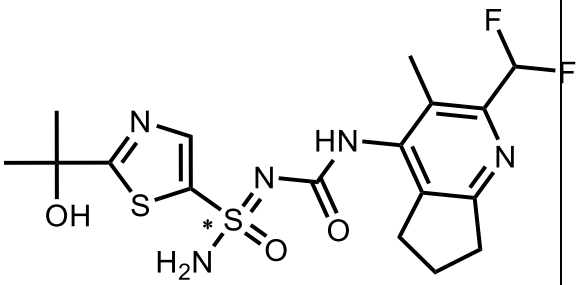
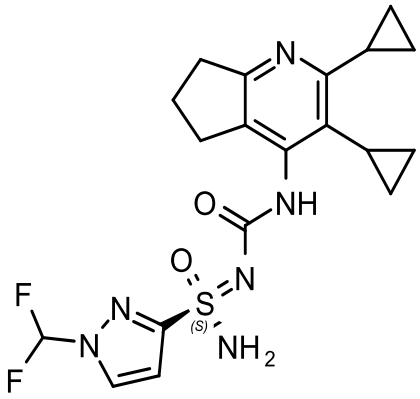
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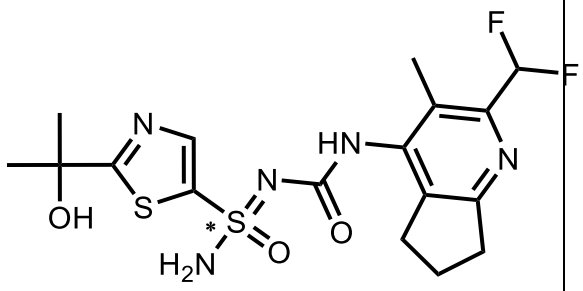
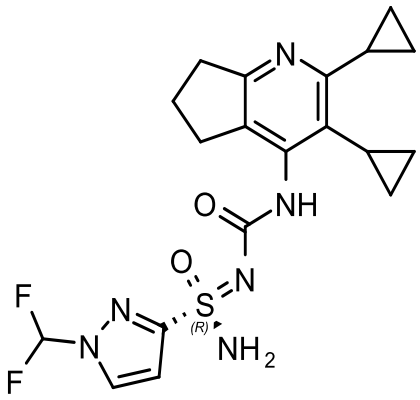
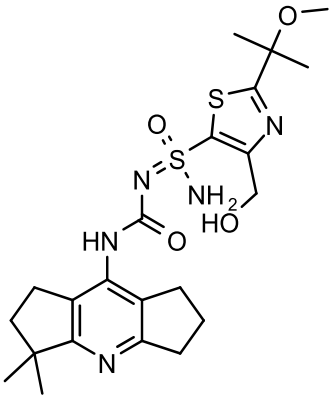
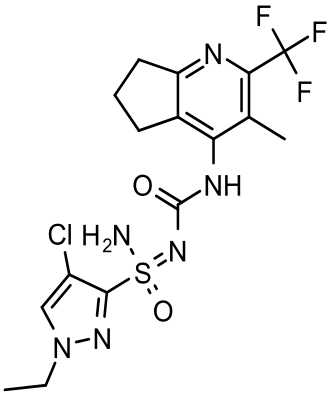
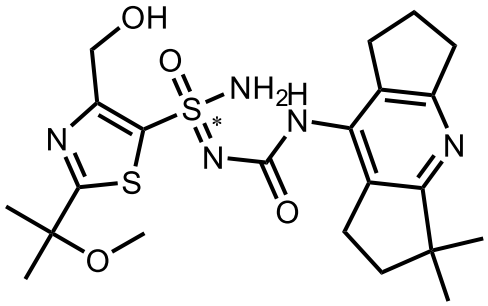
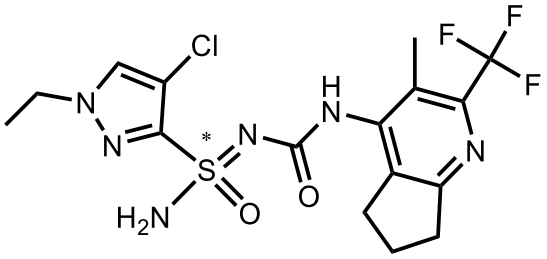
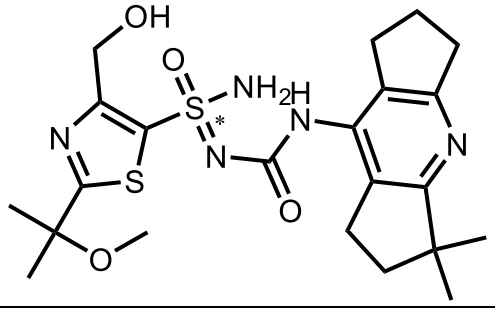
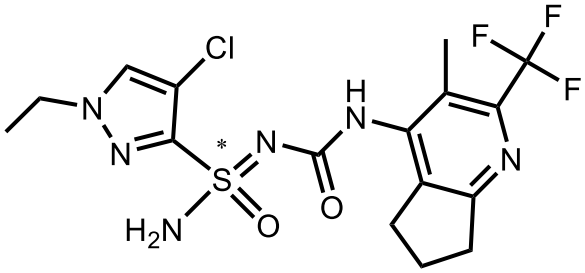
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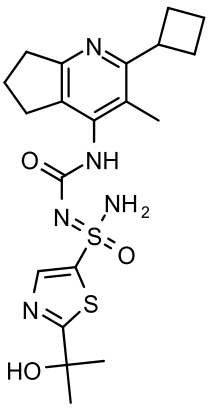
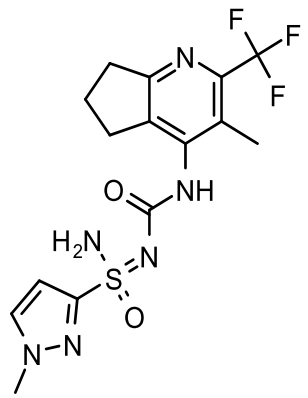
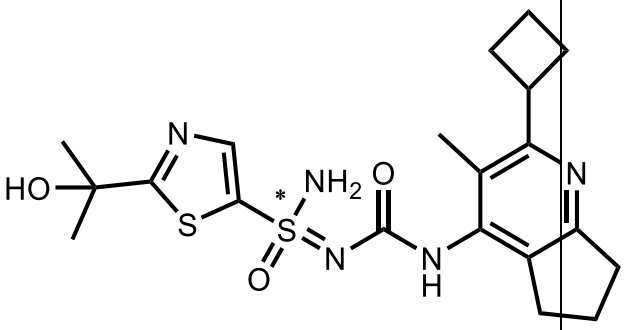
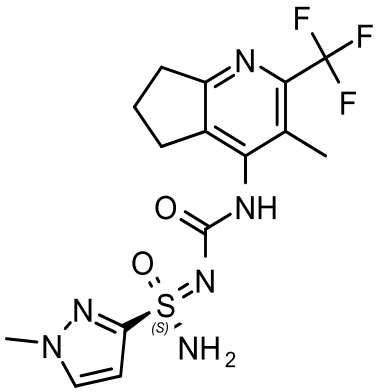
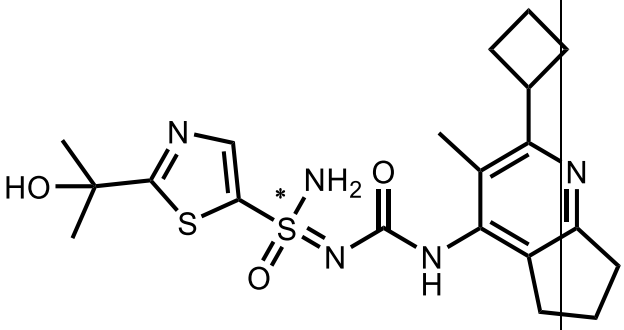
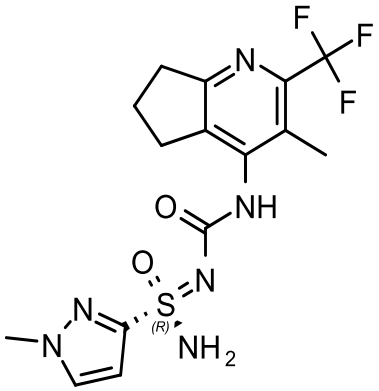
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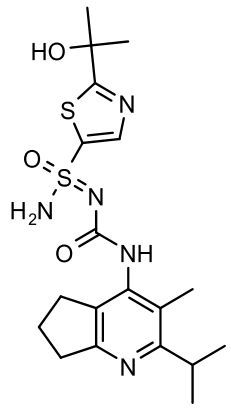
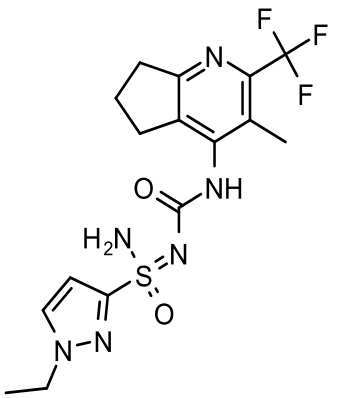
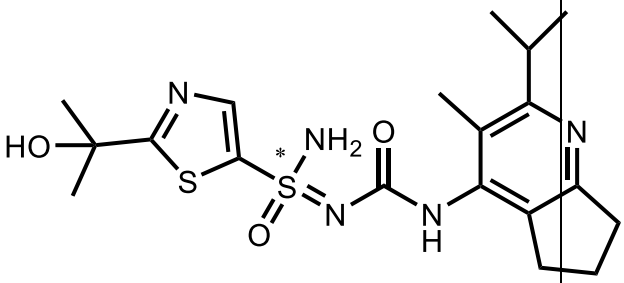
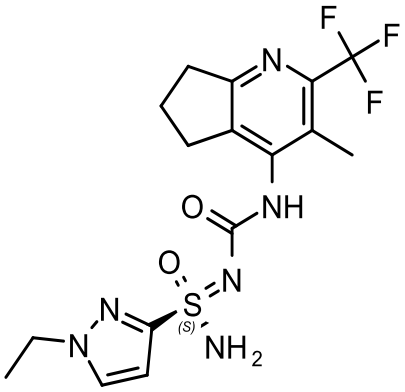
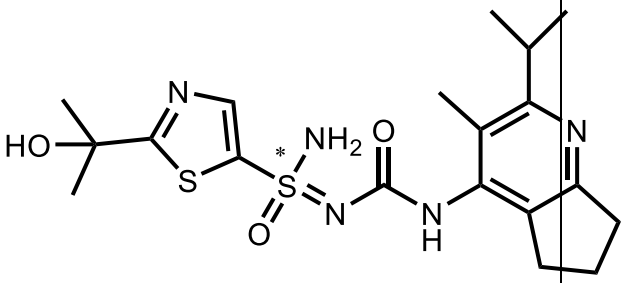
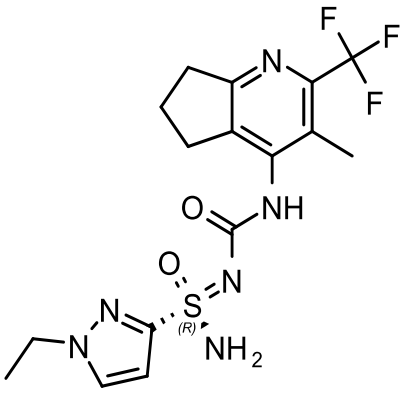
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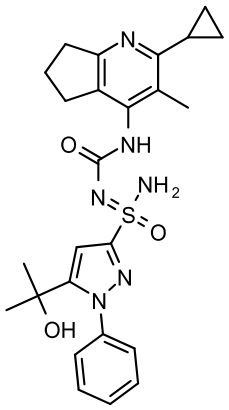
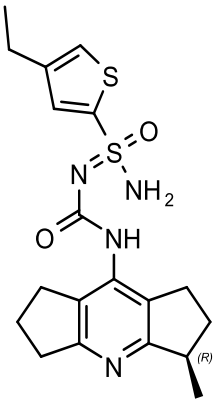
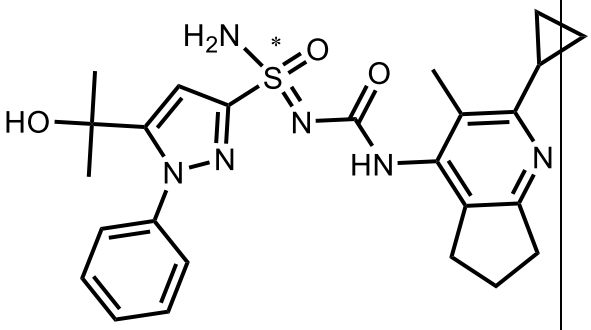
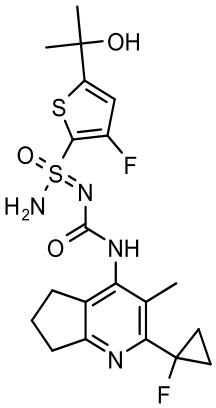
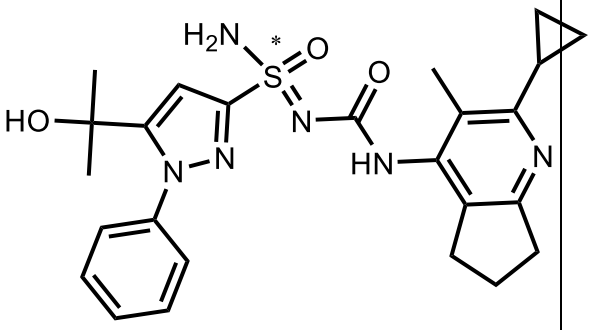
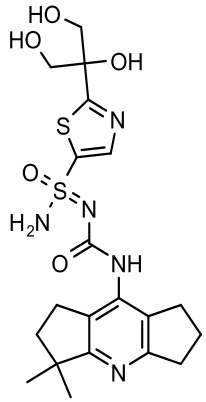
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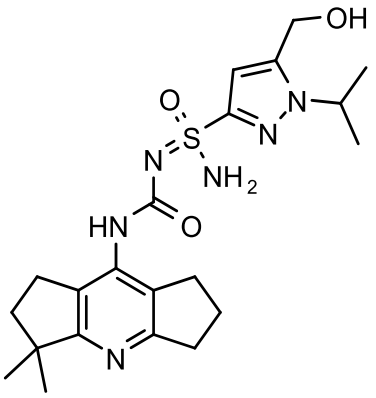
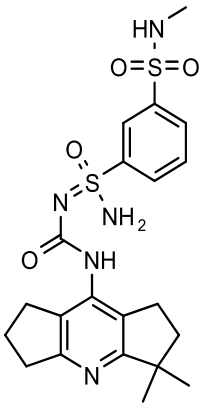
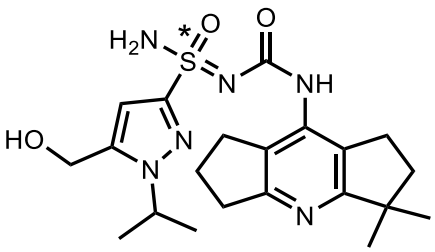
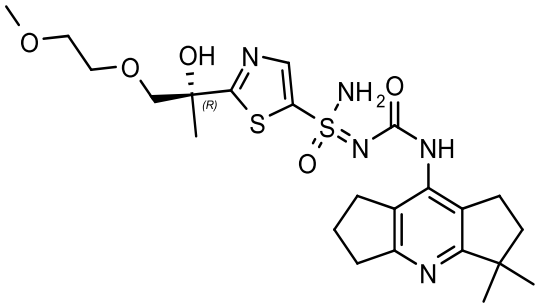
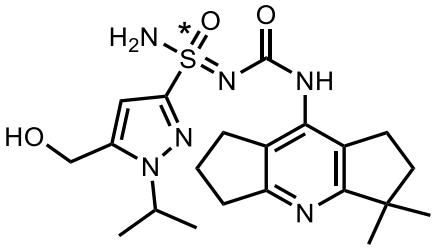
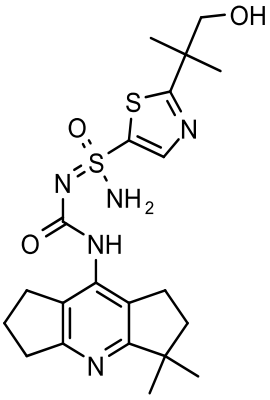
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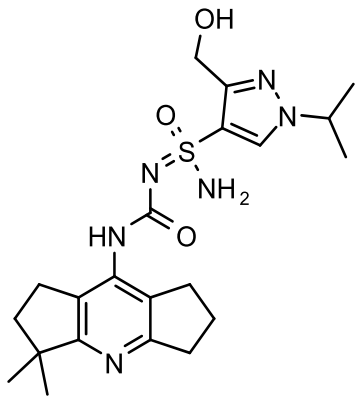
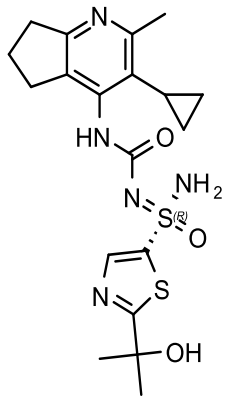
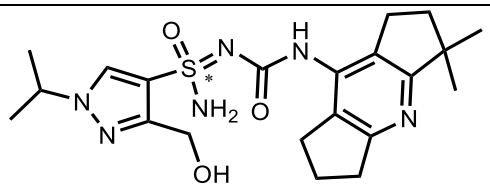
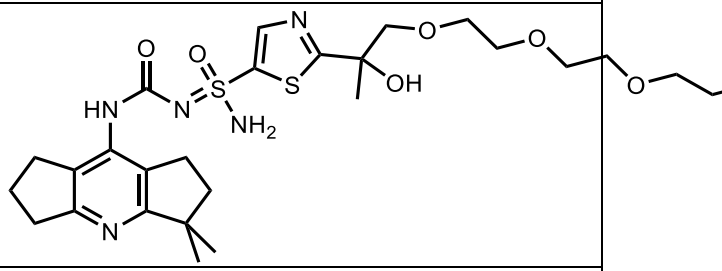
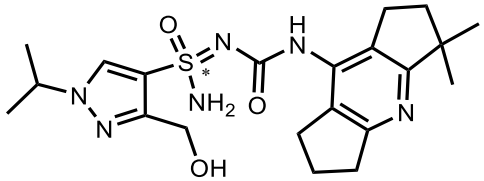
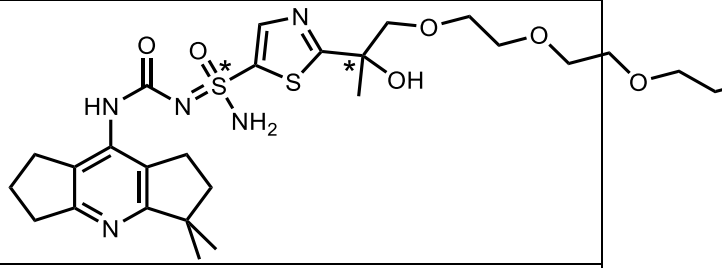
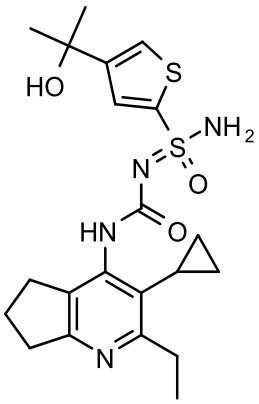
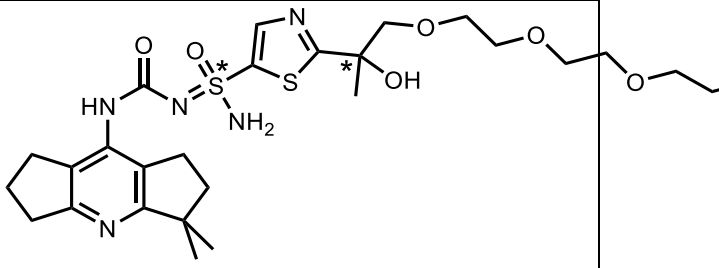
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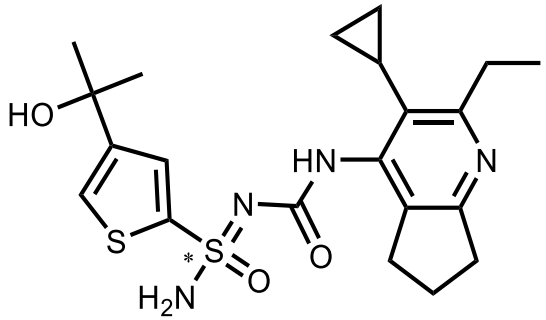
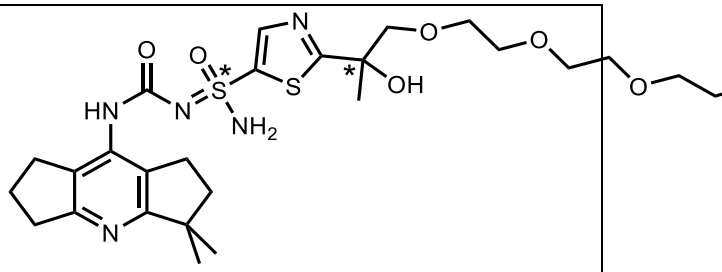
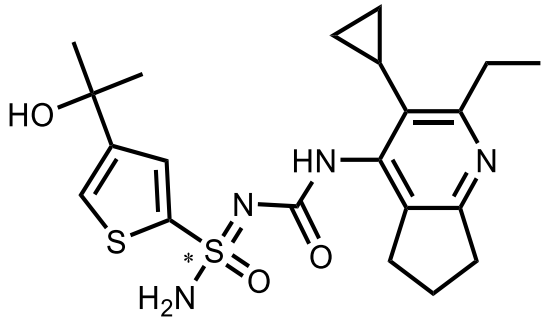
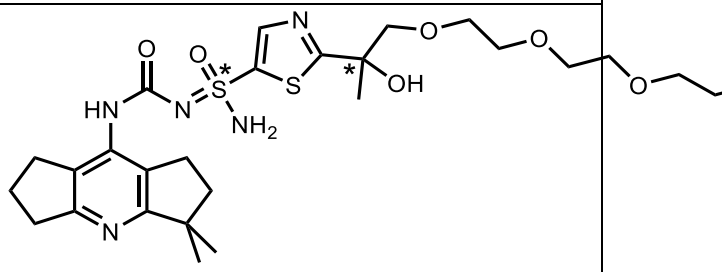
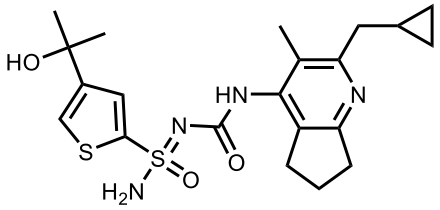
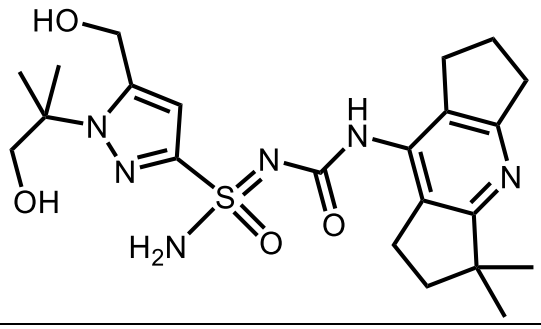
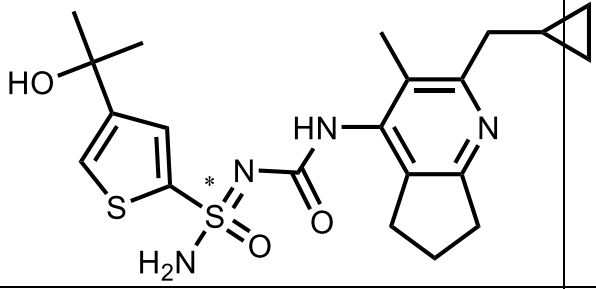
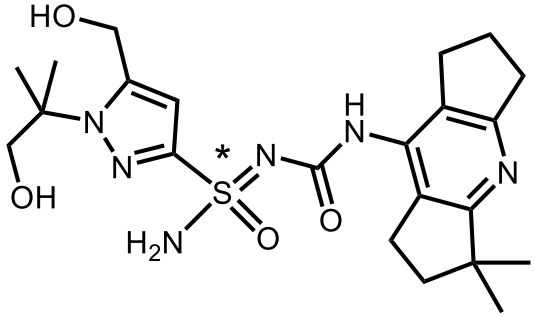
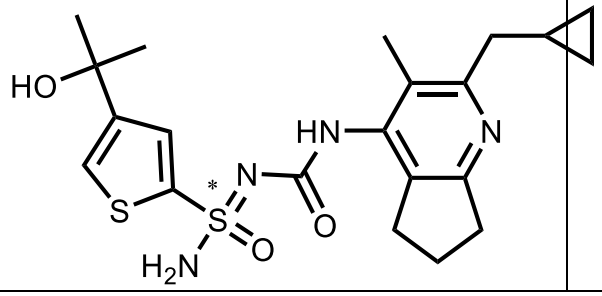
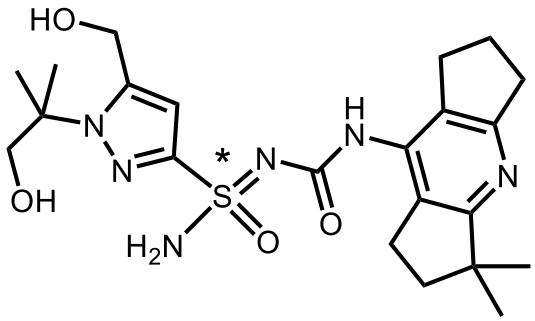
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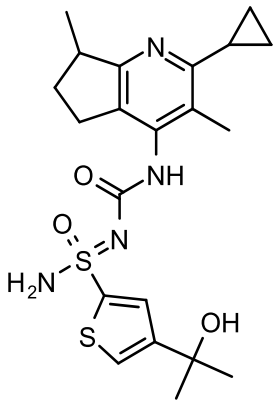
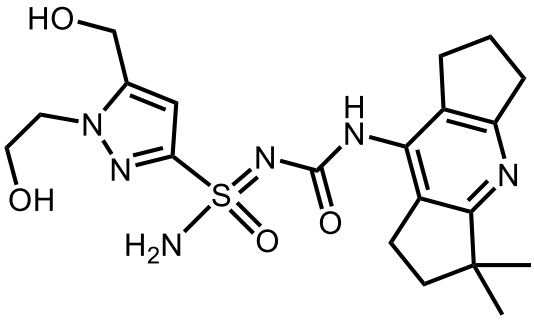
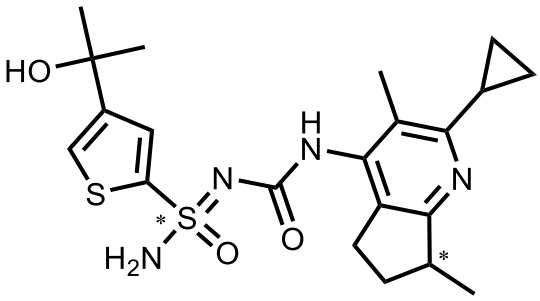
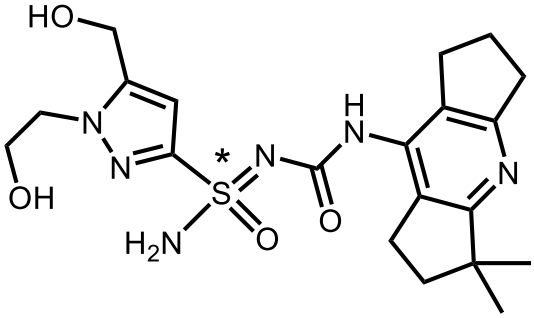
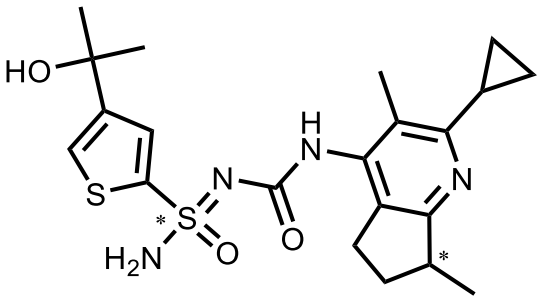
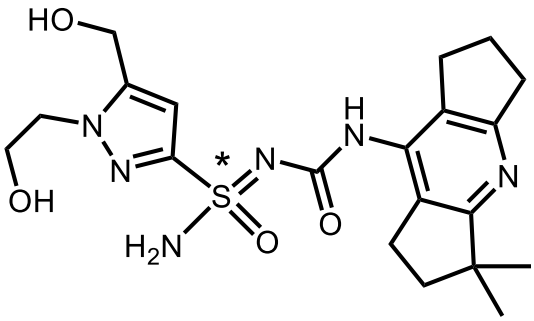
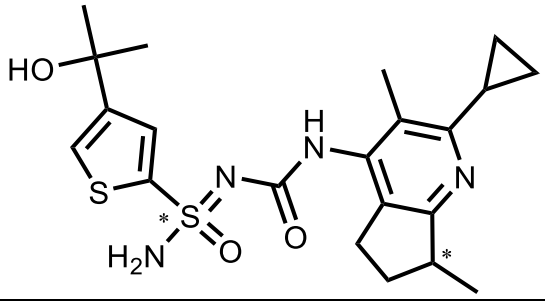
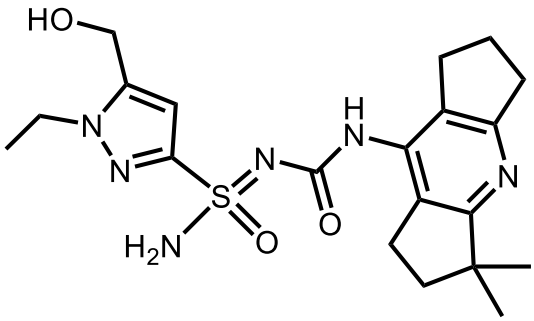
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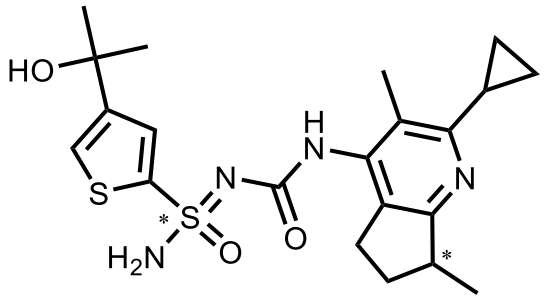
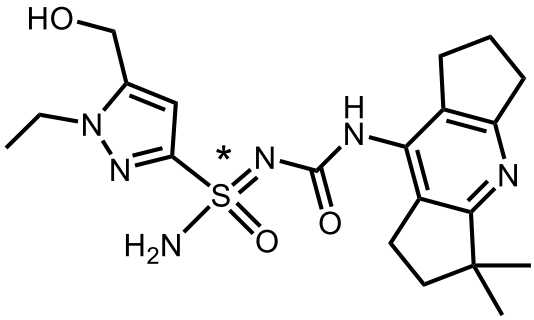
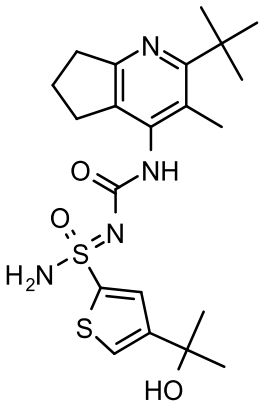
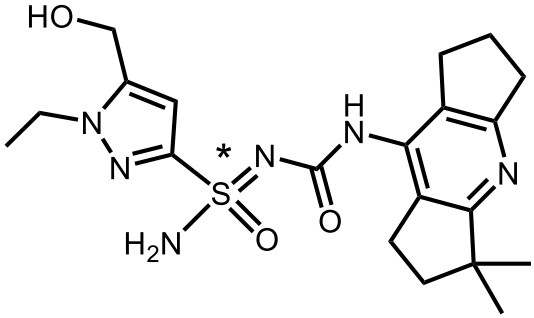
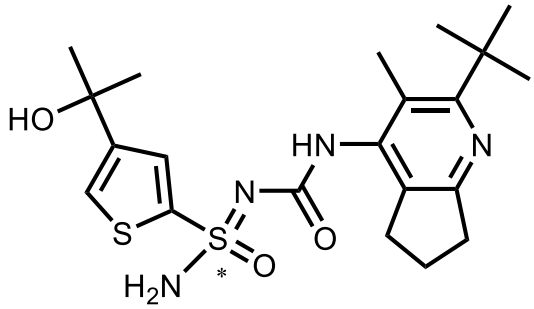
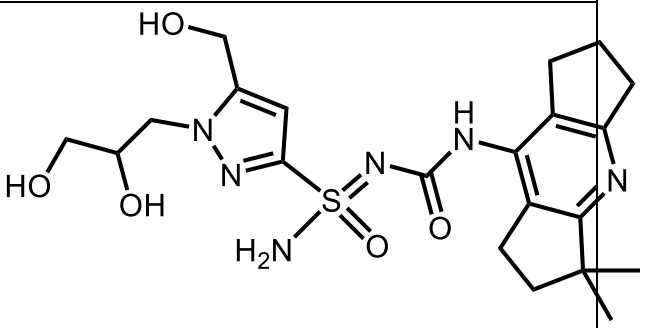
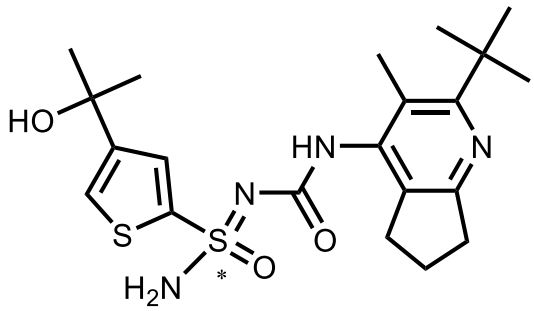
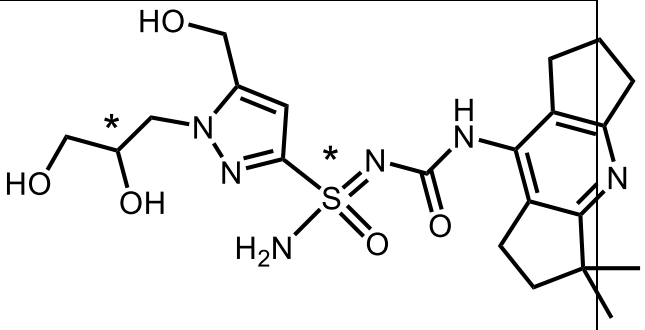
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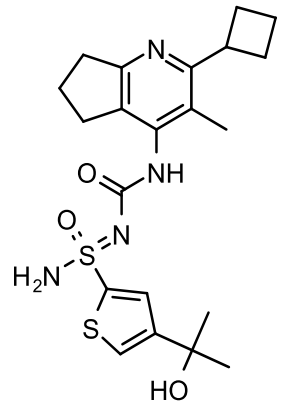
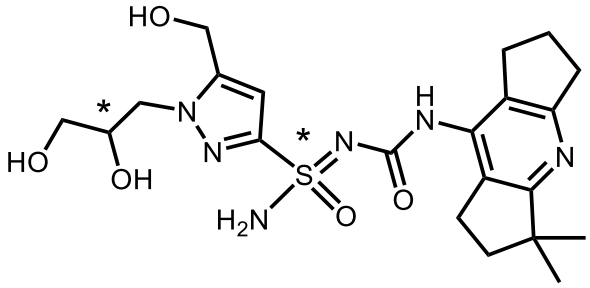
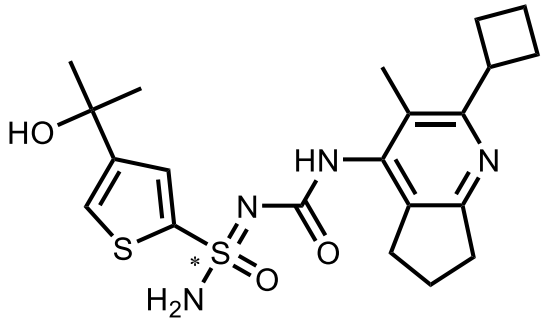
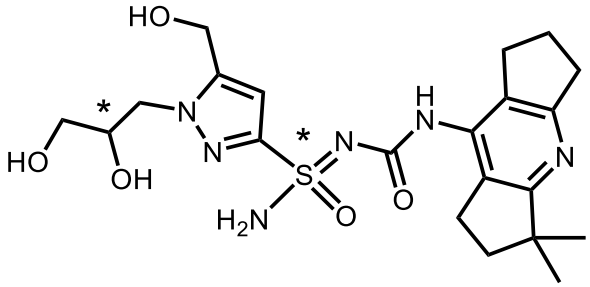
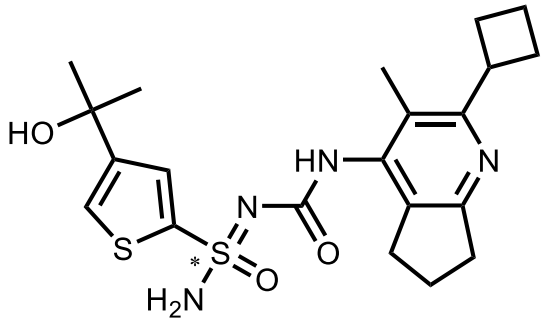
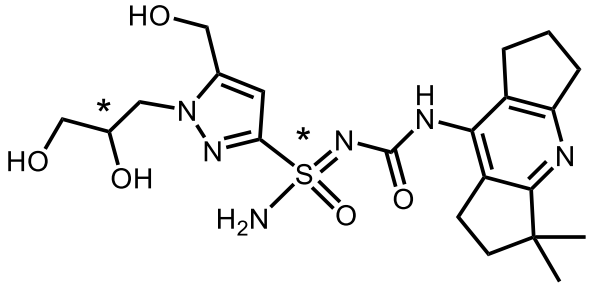
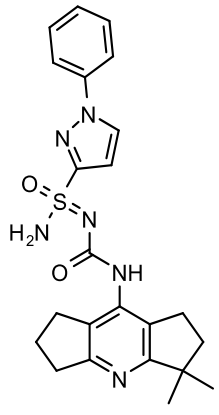
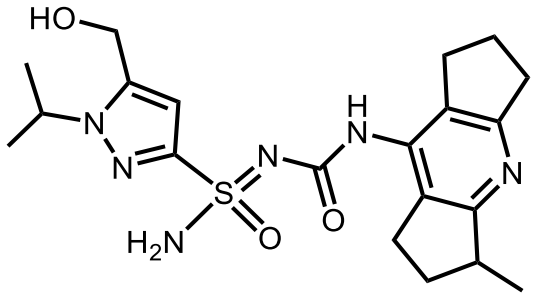
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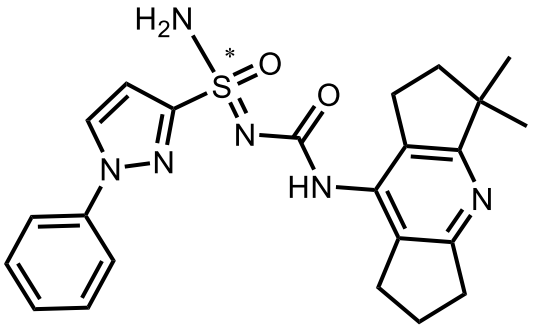
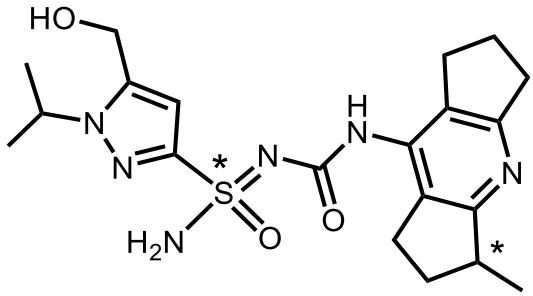
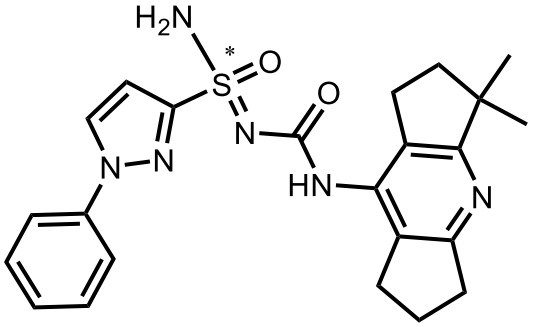
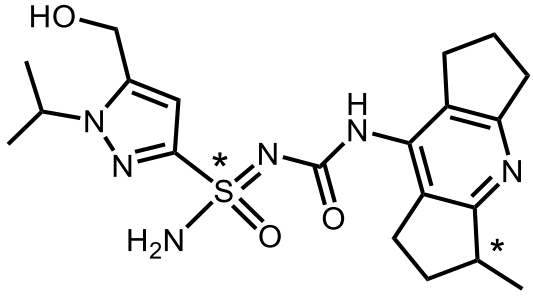
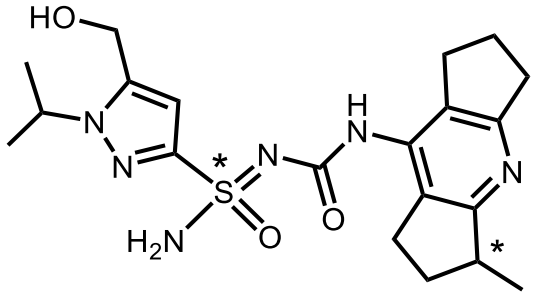
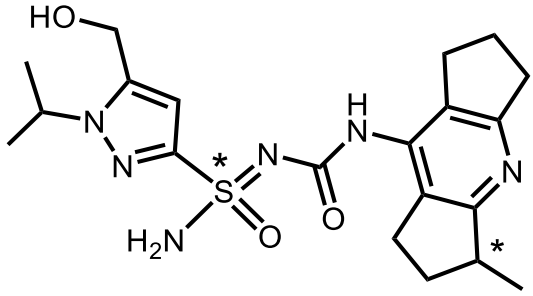
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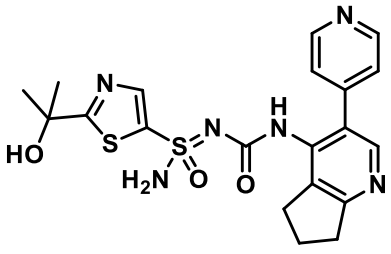
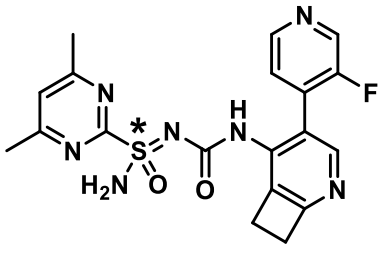
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655b		**740b**	

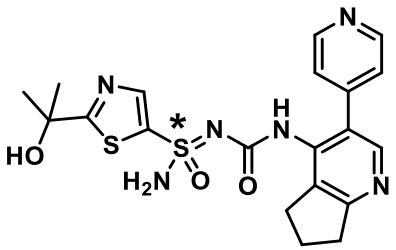
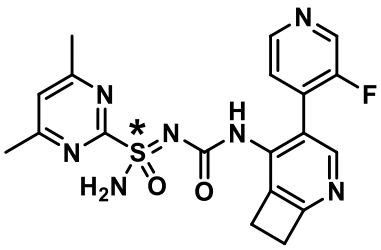
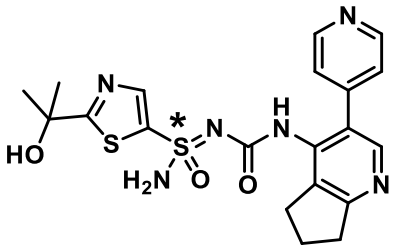
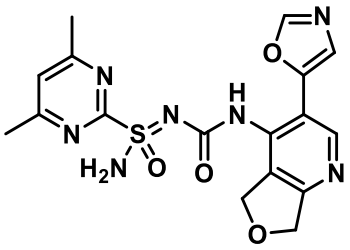
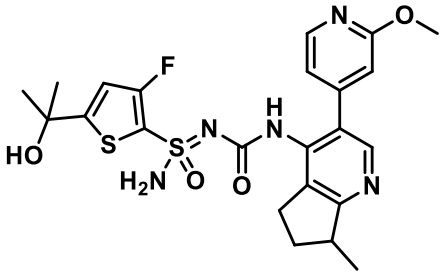
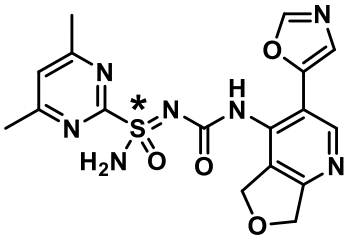
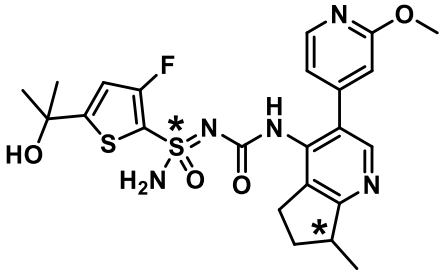
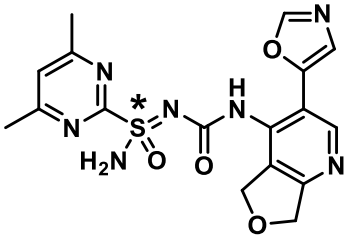
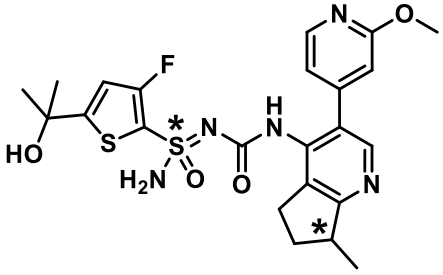
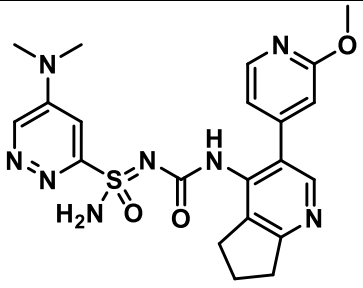
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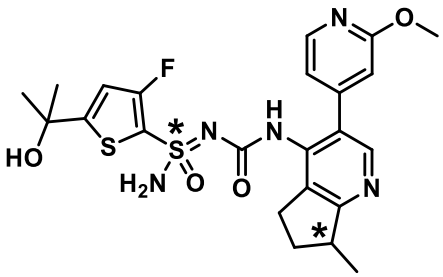
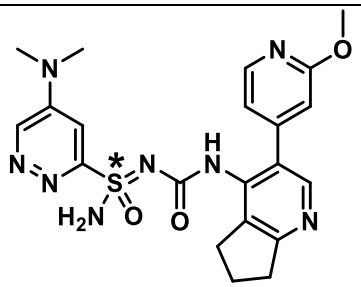
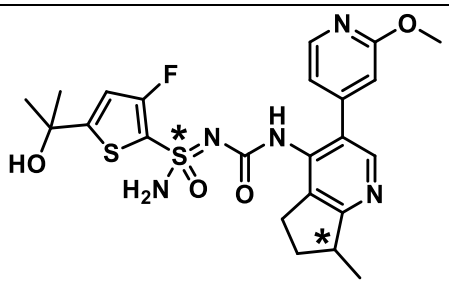
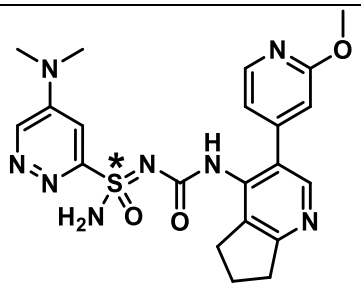
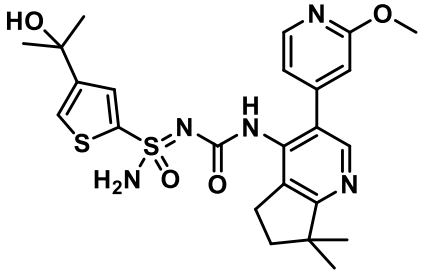
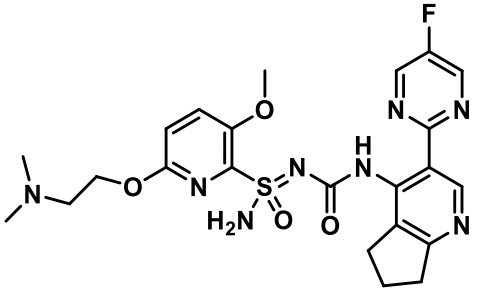
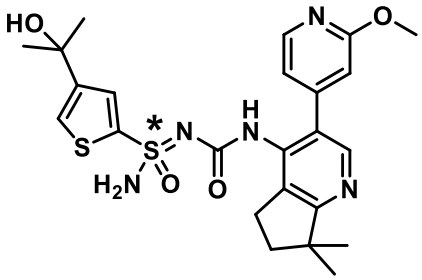
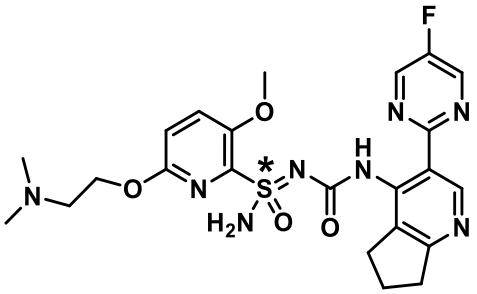
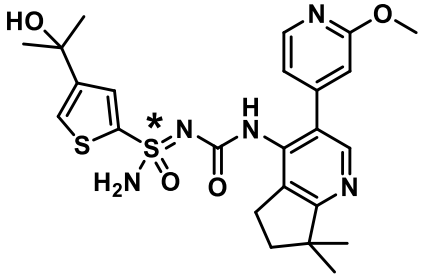
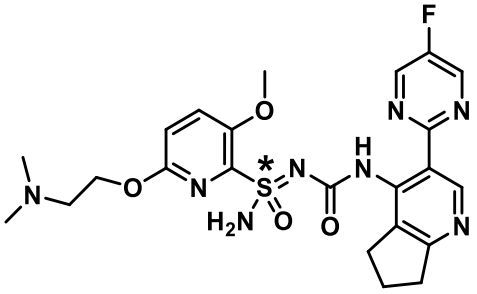
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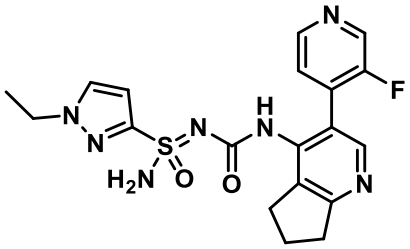
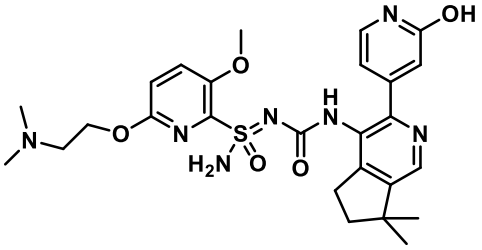
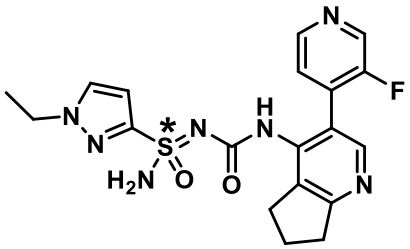
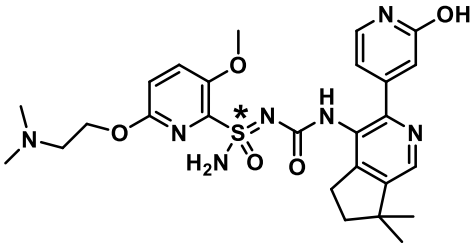
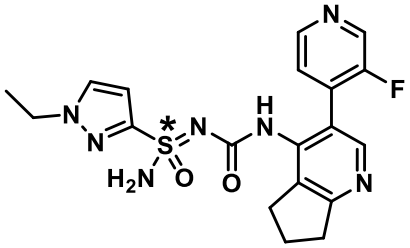
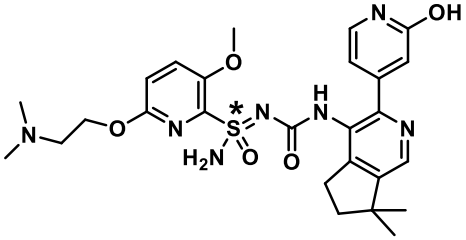
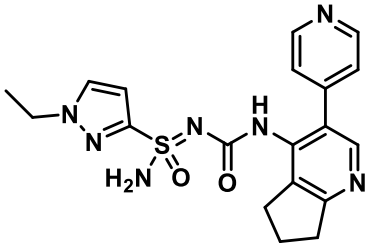
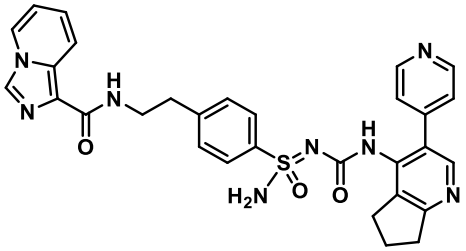
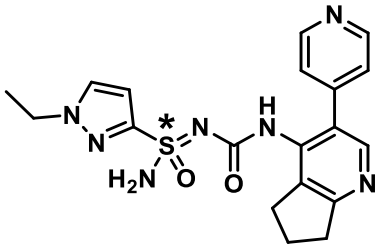
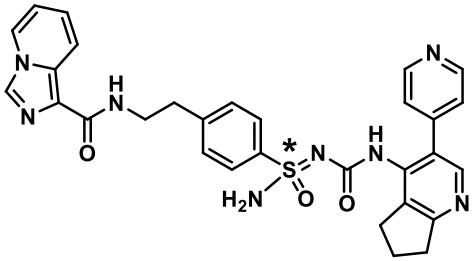
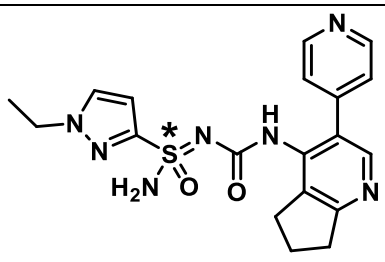
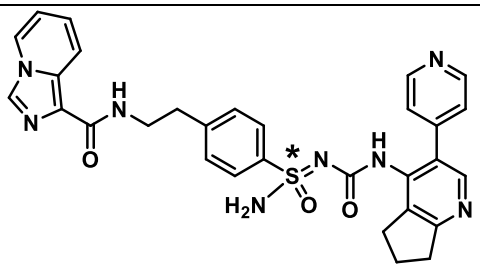
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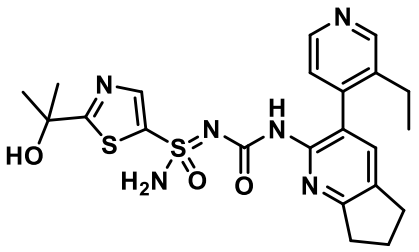
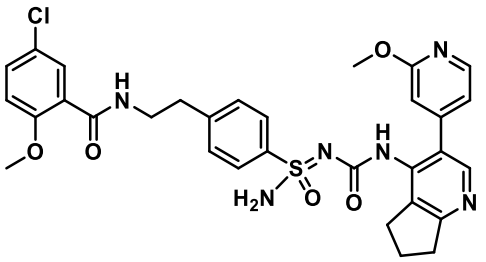
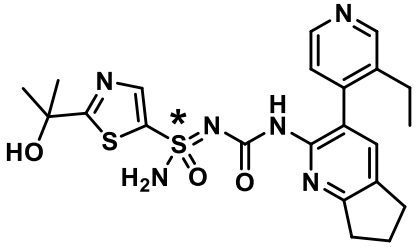
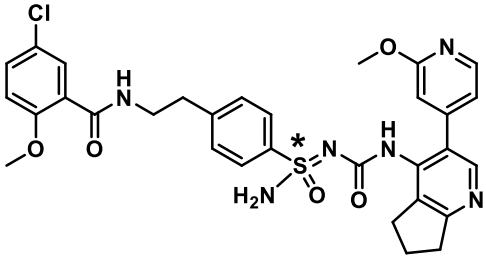
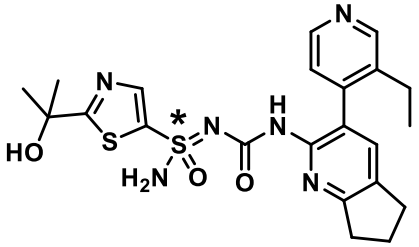
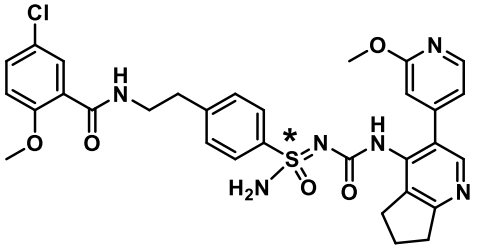
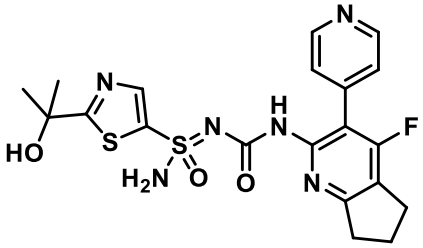
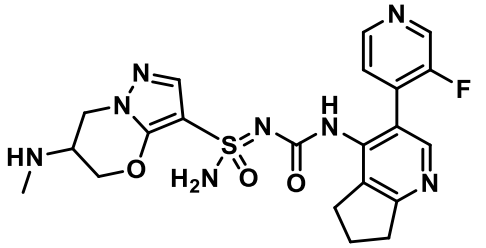
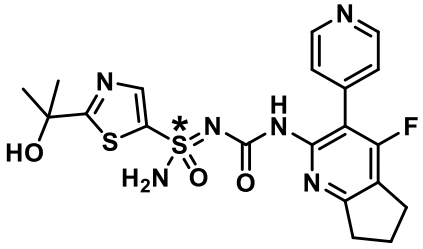
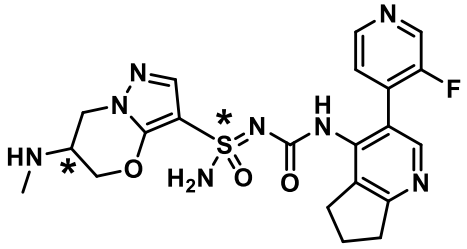
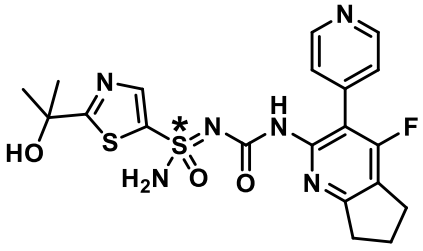
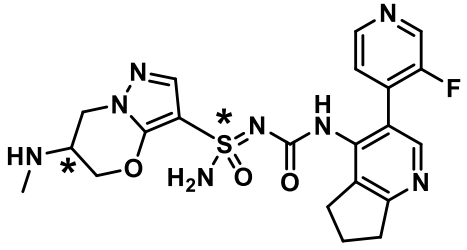
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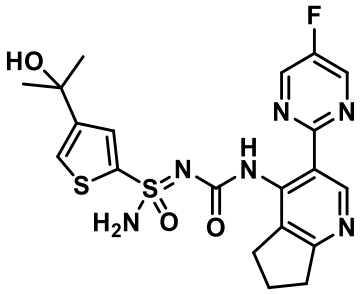
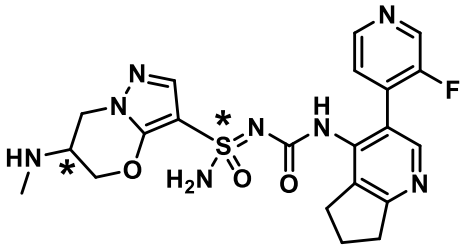
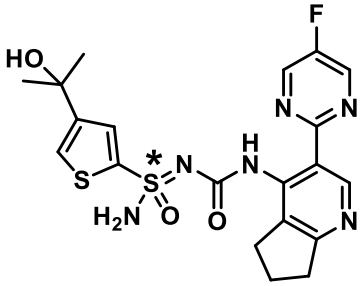
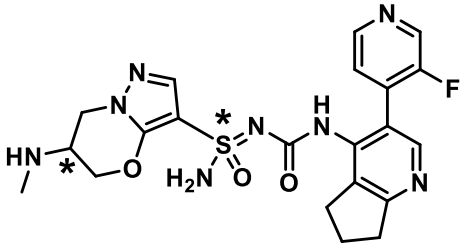
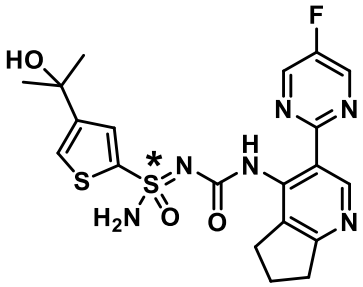
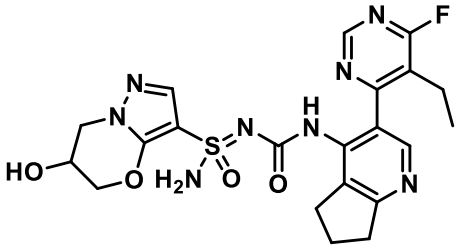
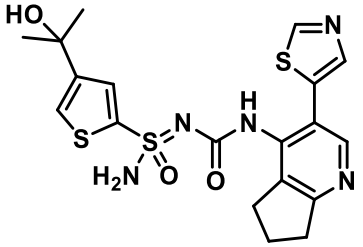
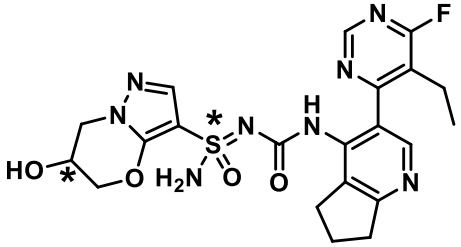
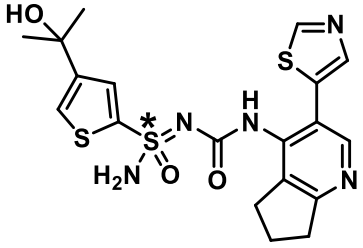
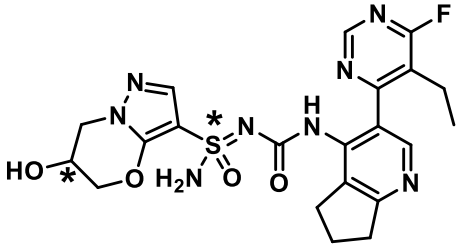
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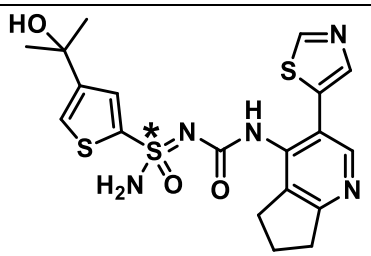
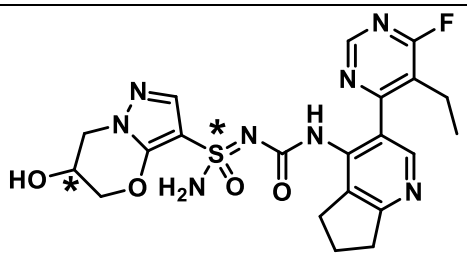
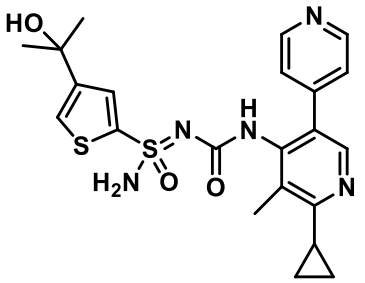
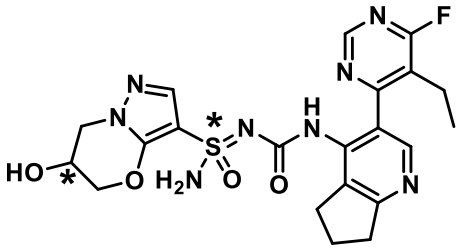
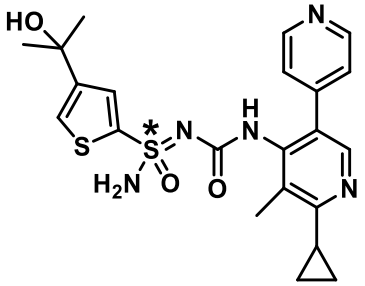
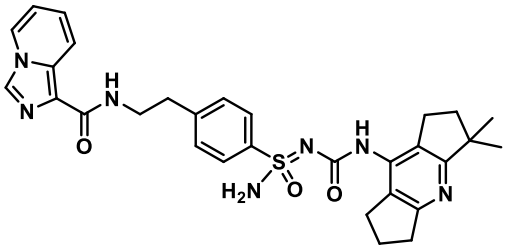
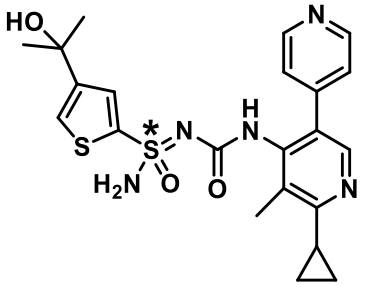
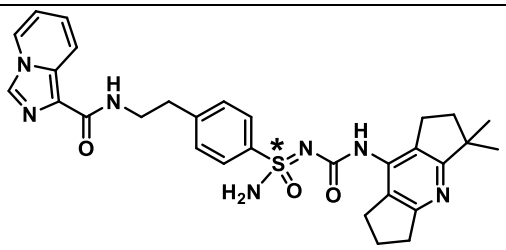
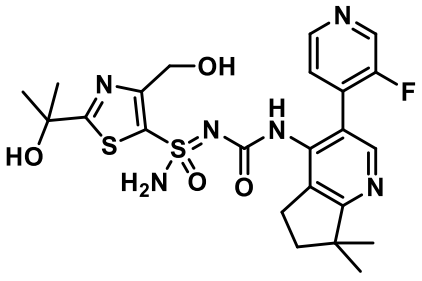
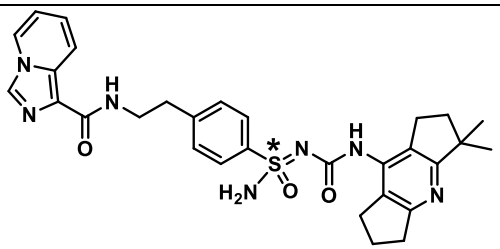
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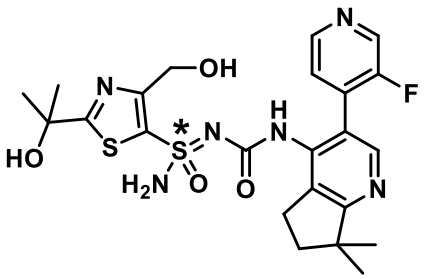
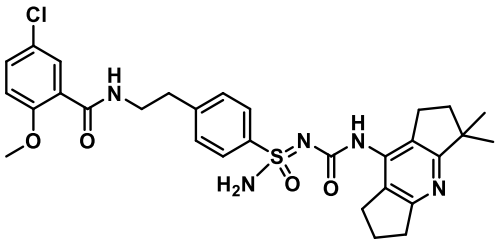
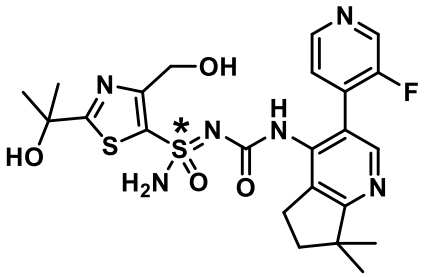
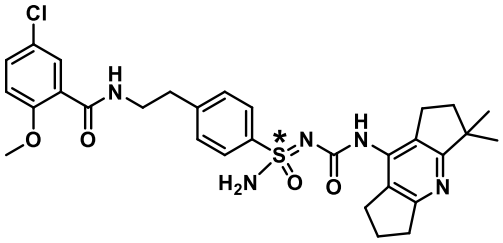
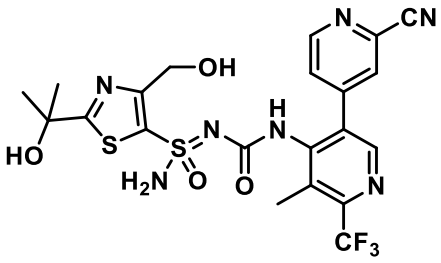
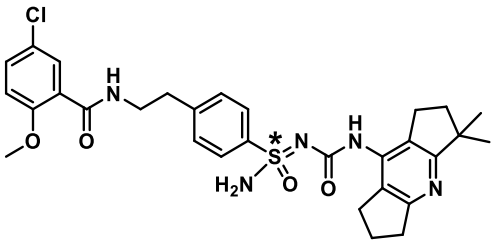
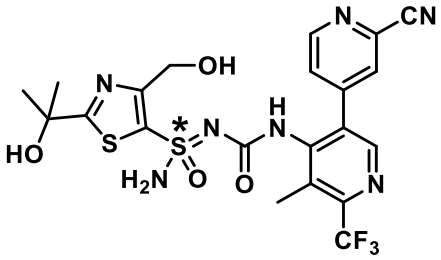
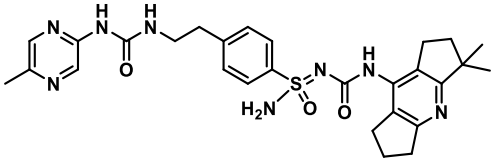
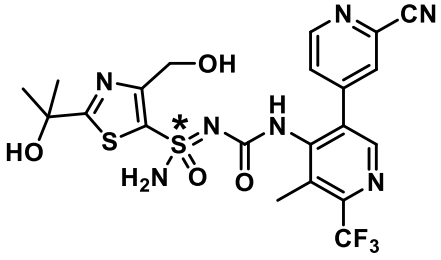
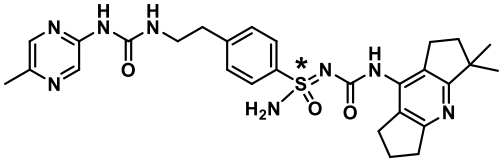
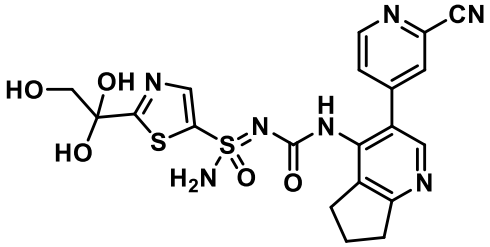
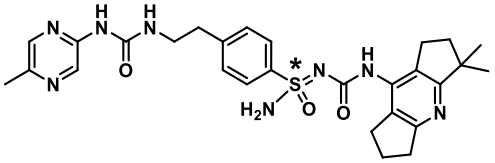
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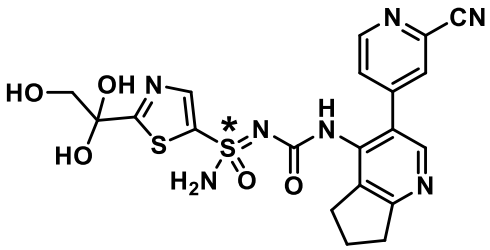
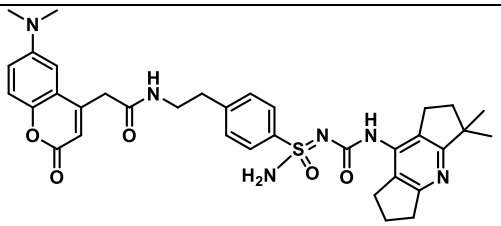
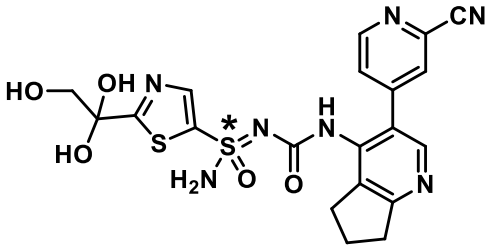
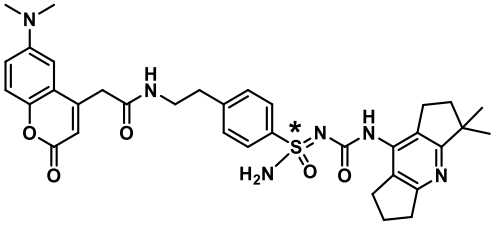
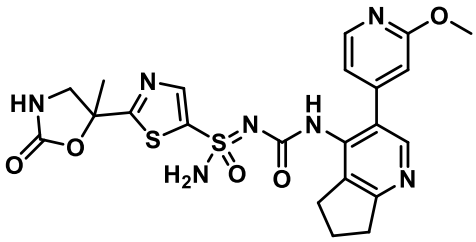
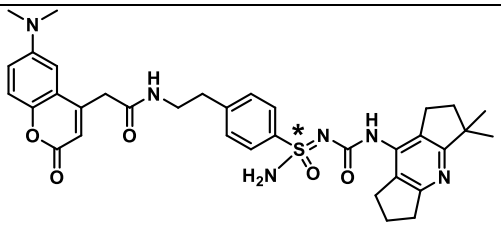
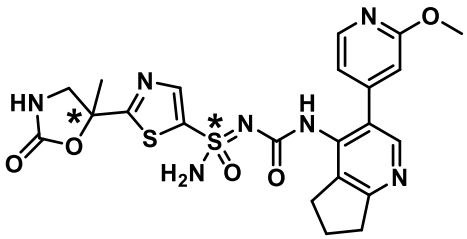
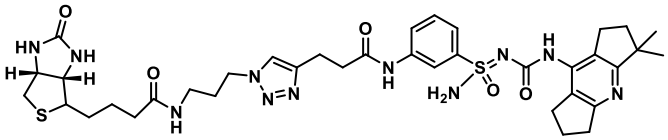
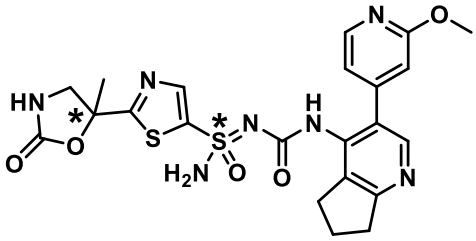
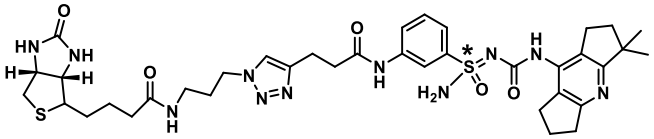
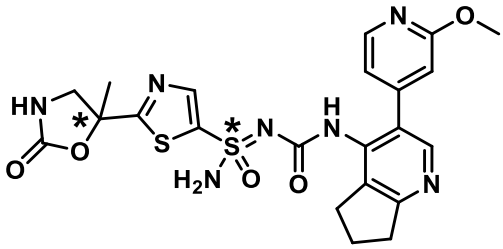
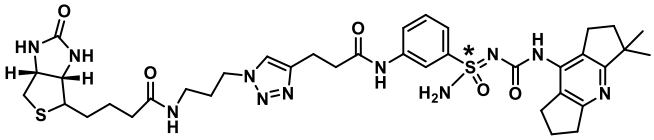
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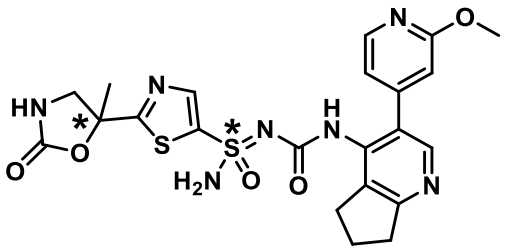
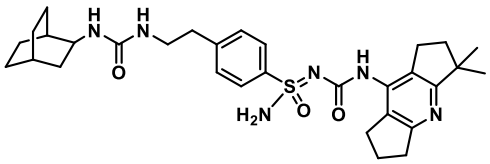
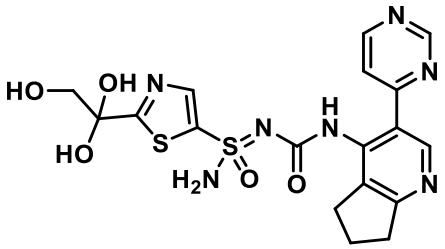
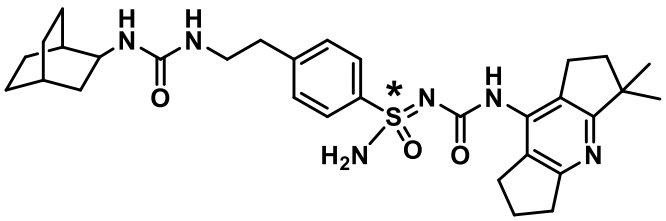
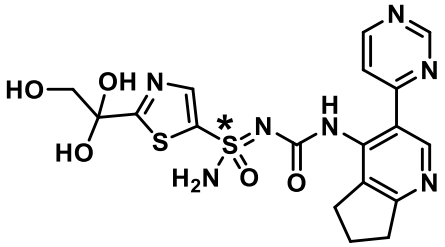
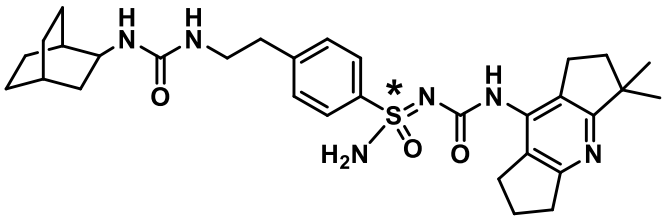
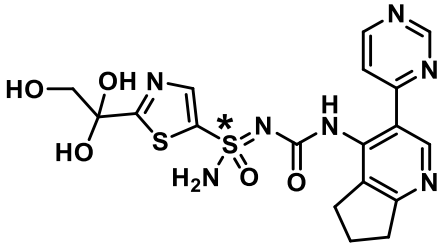
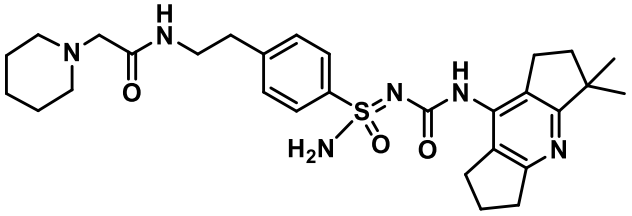
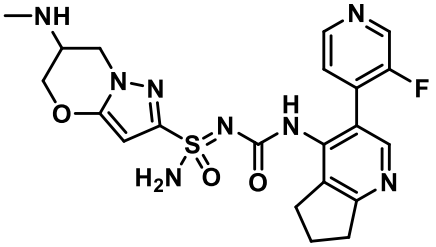
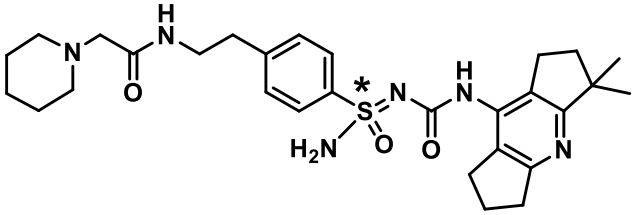
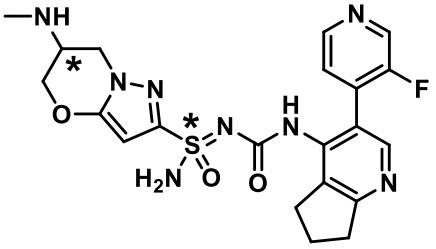
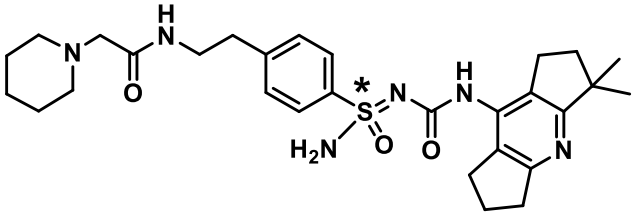
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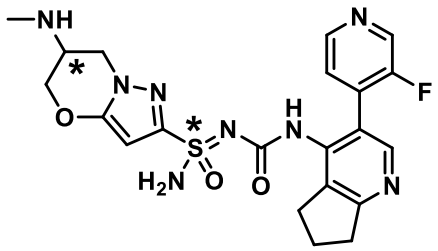
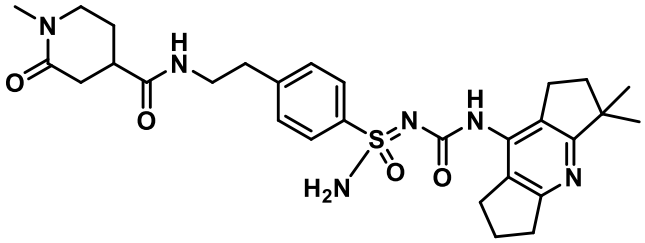
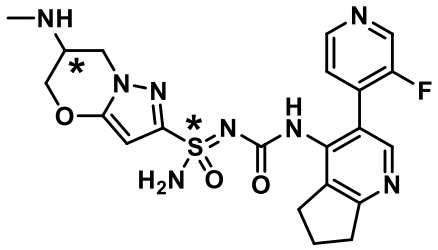
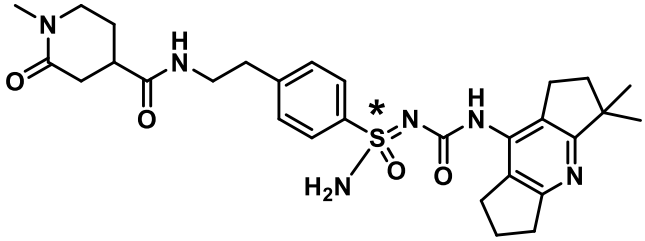
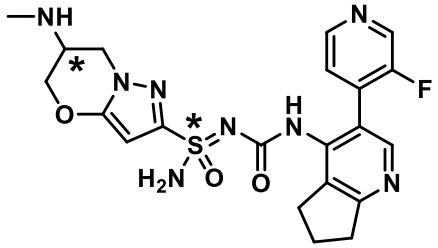
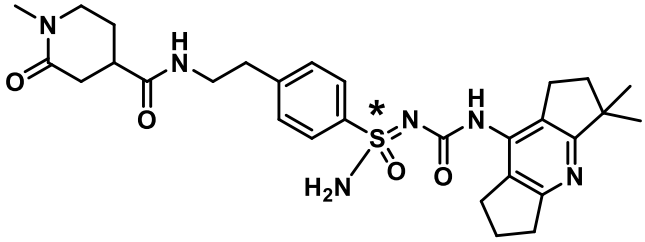
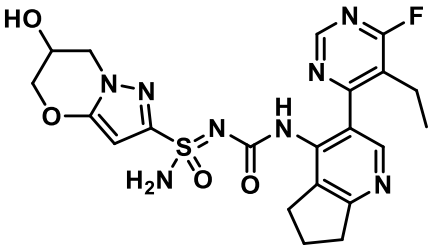
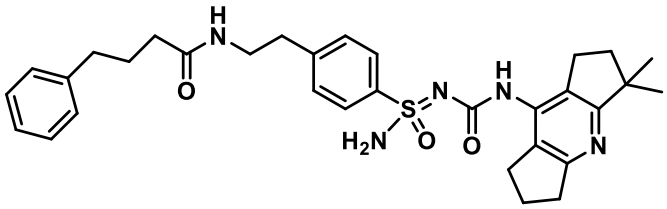
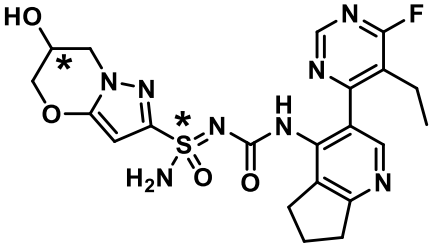
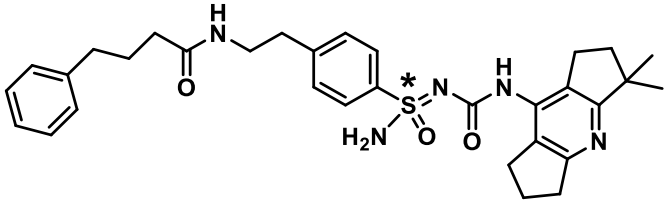
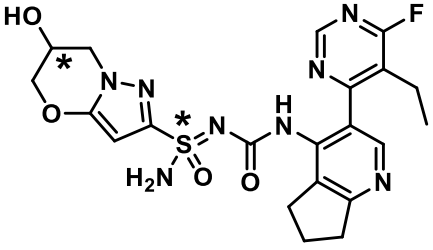
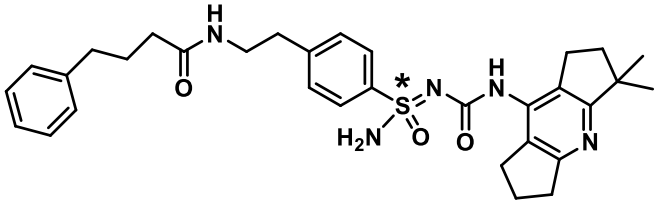
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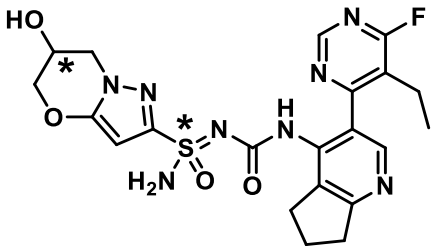
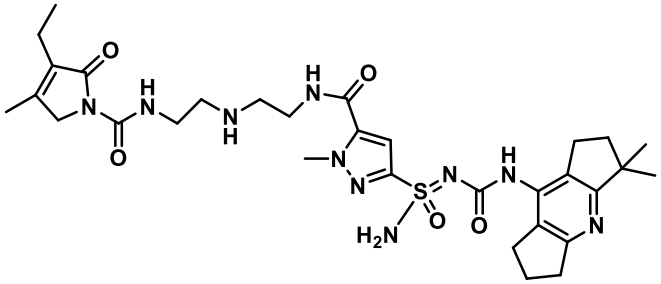
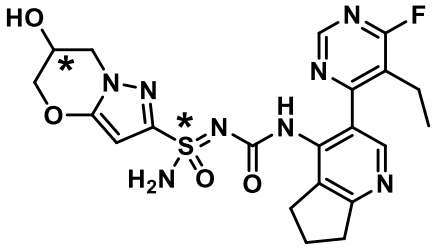
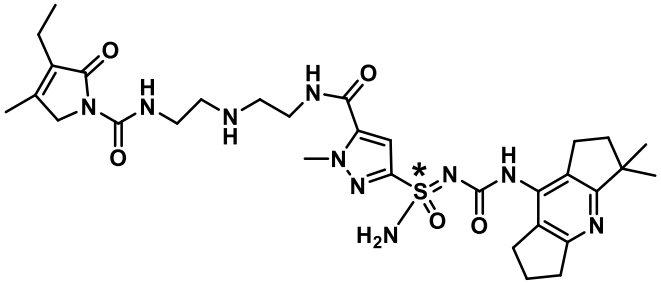
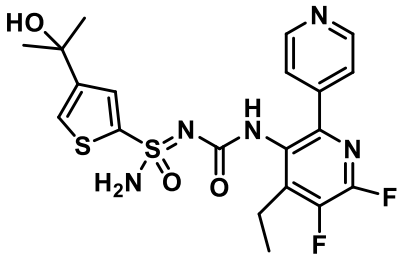
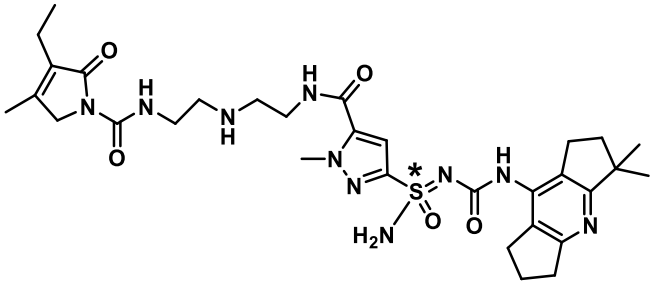
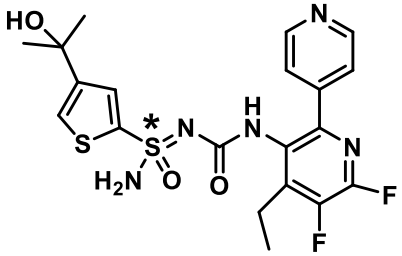
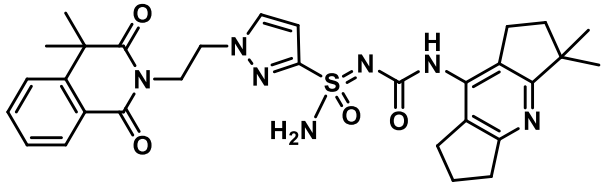
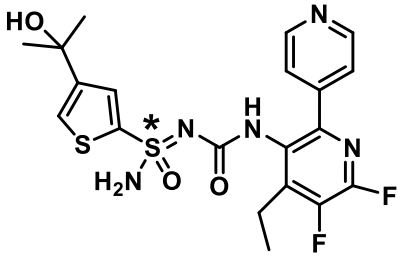
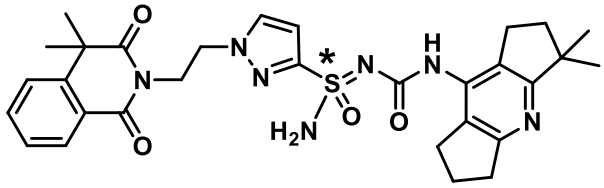
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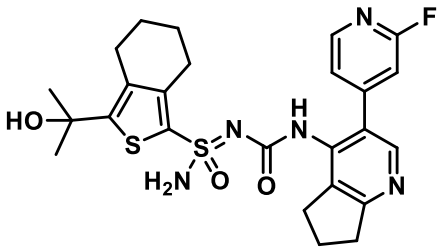
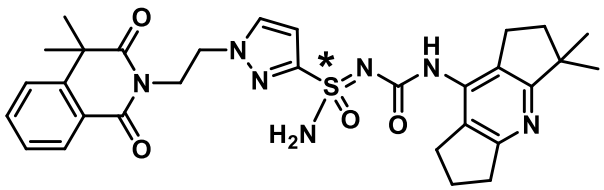
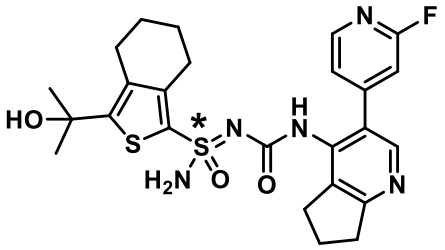
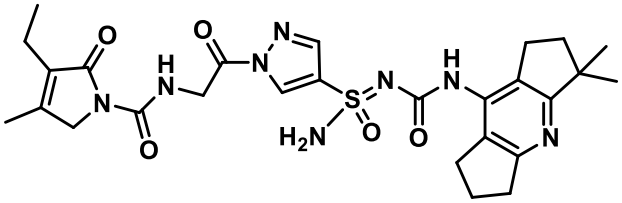
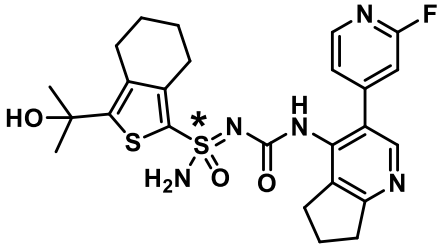
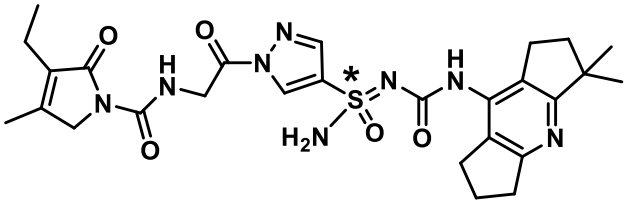
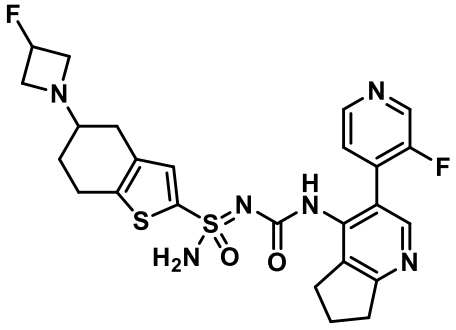
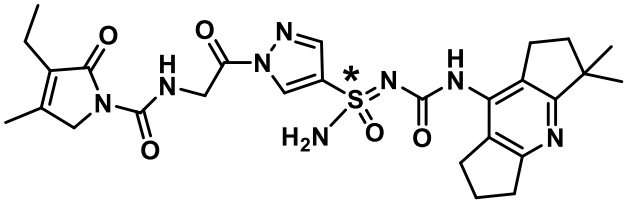
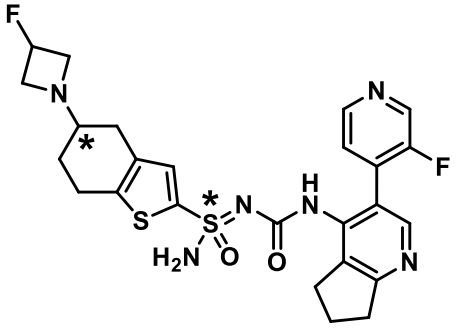
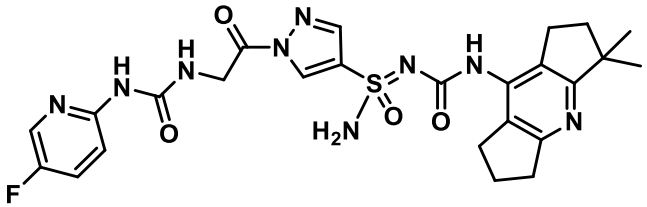
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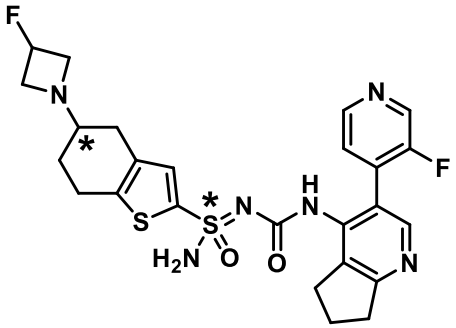
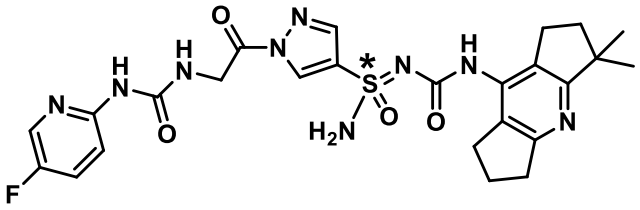
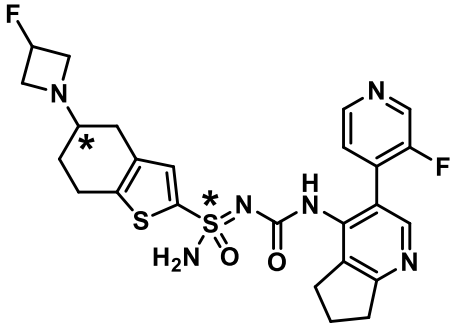
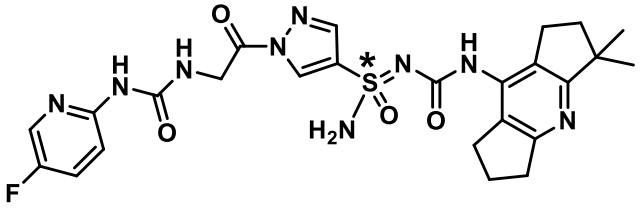
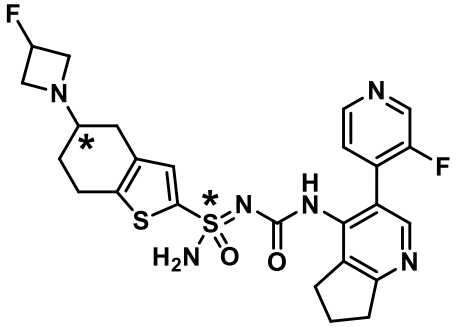
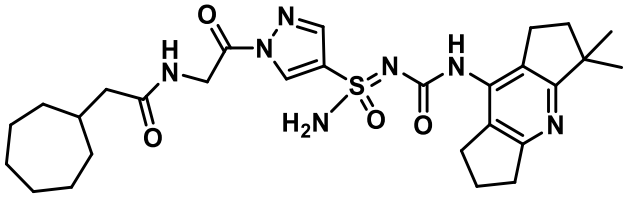
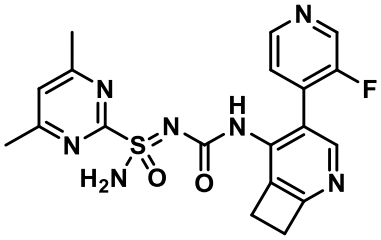
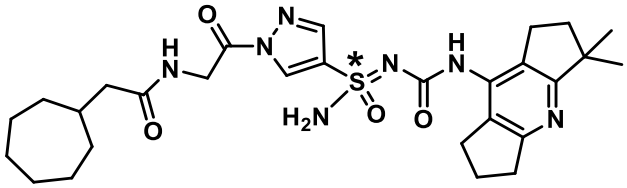
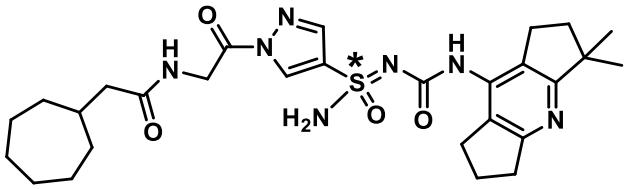
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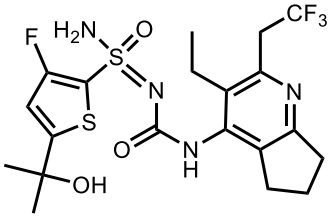
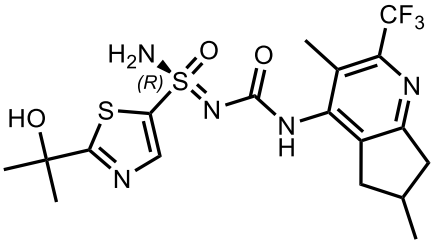
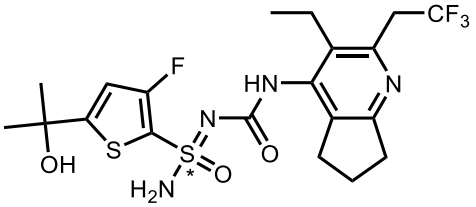
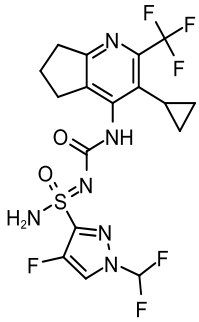
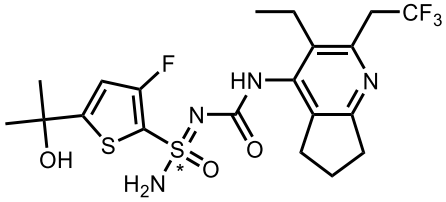
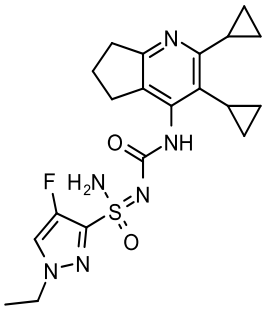
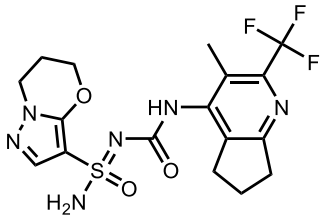
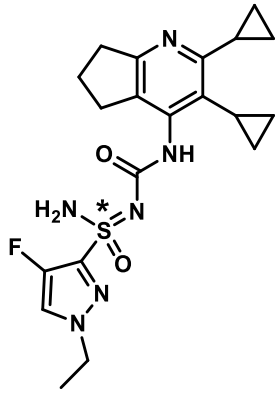
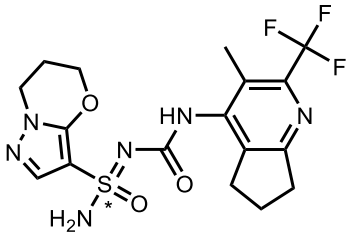
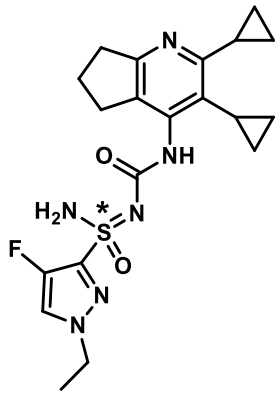
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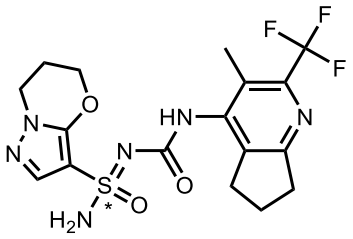
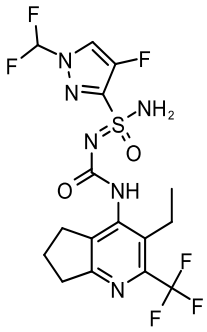
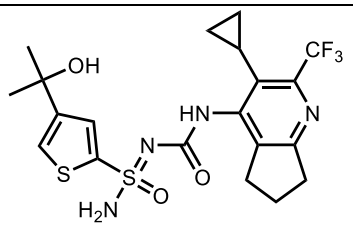
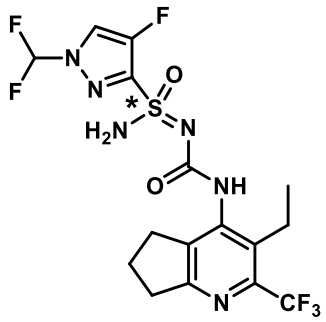
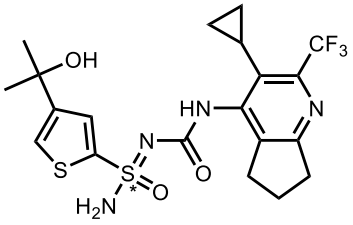
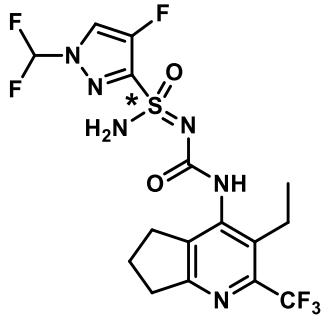
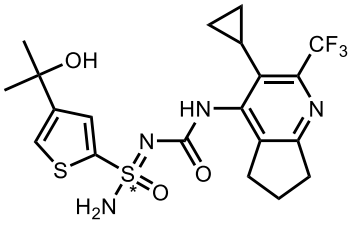
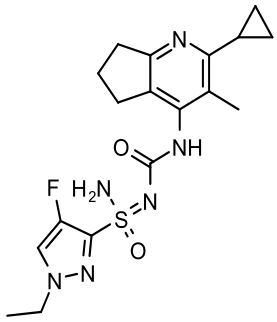
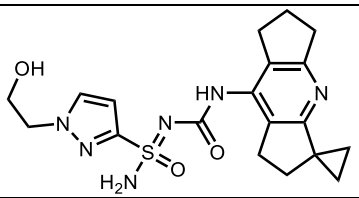
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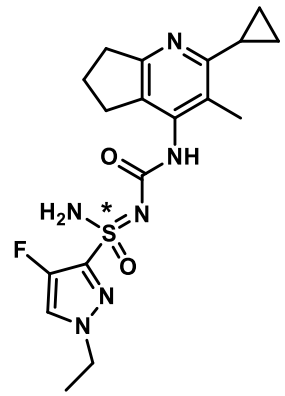
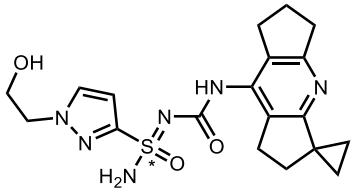
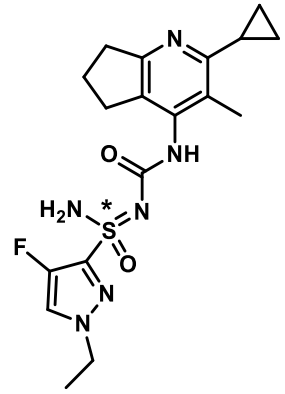
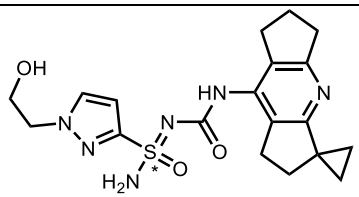
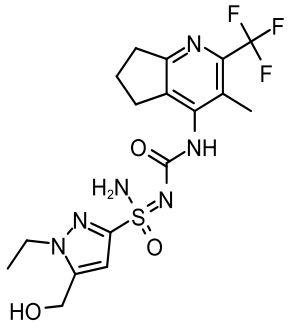
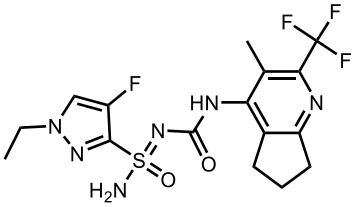
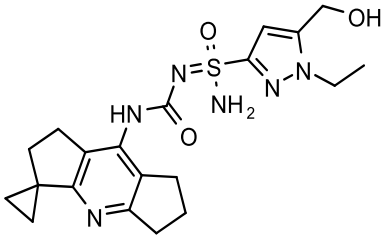
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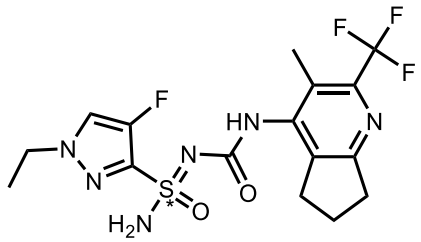
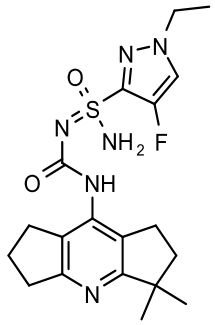
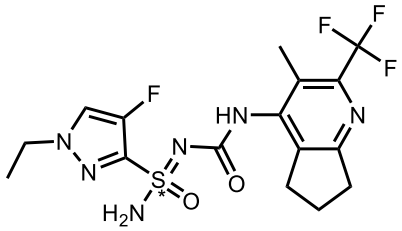
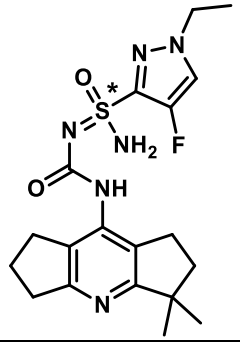
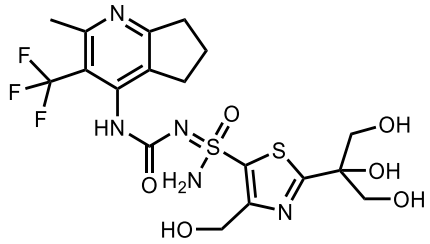
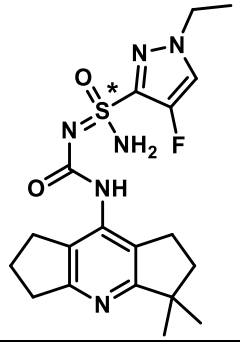
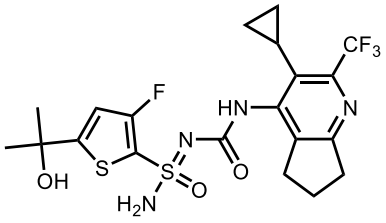
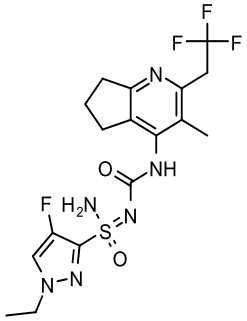
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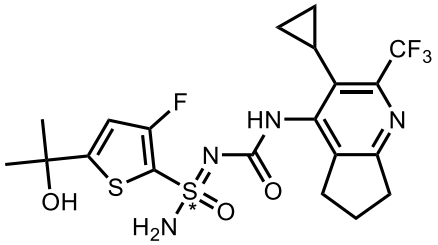
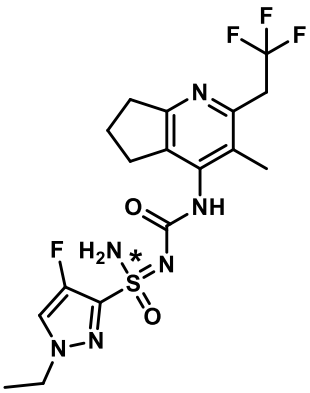
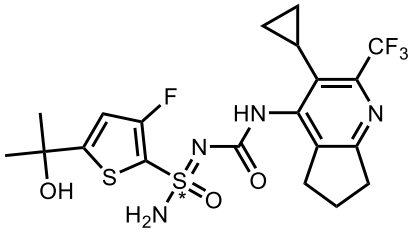
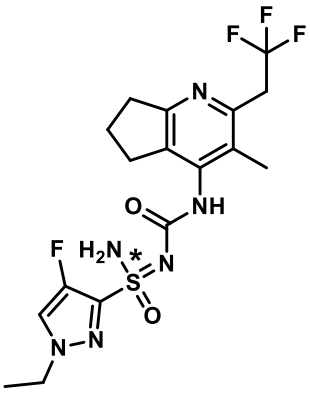
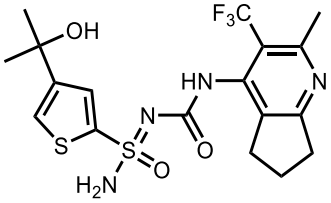
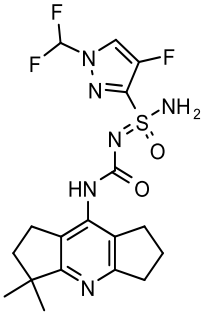
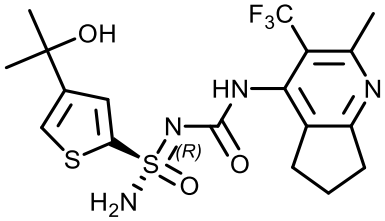
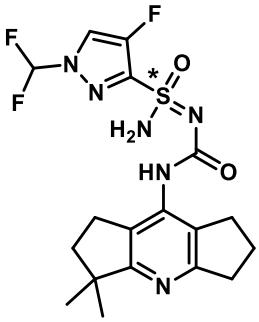
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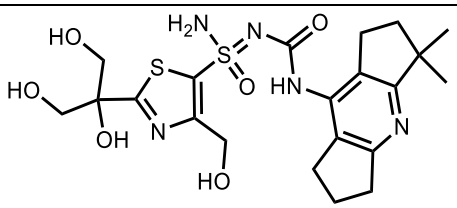
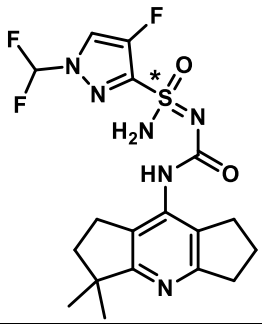
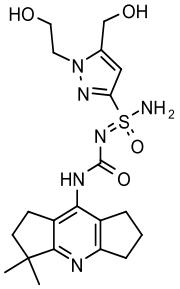
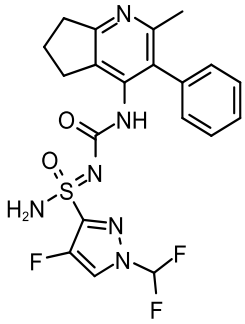
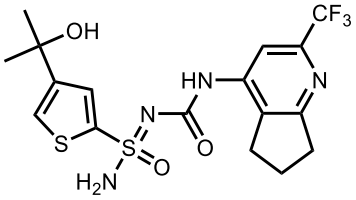
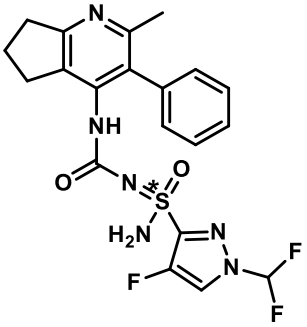
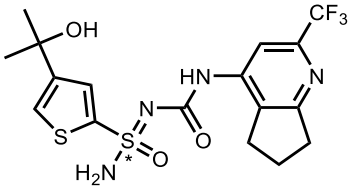
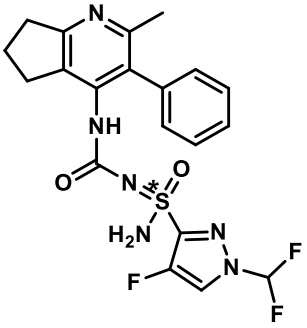
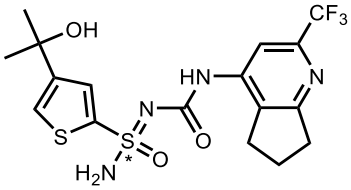
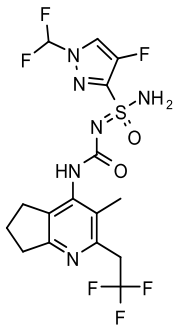
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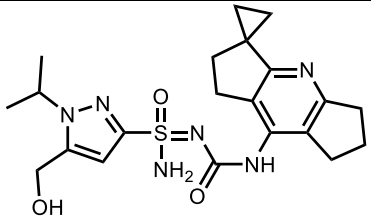
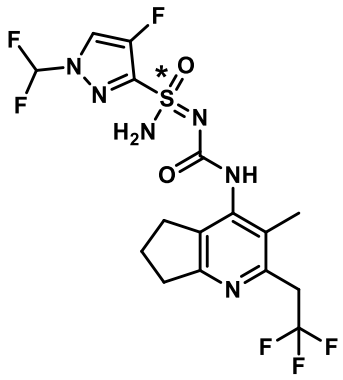
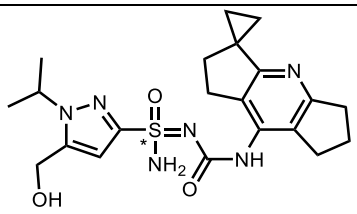
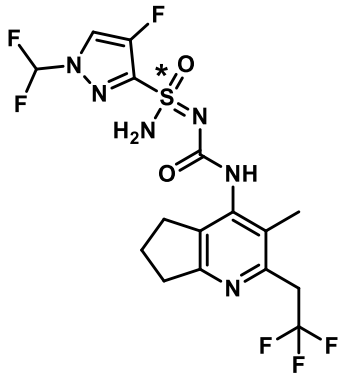
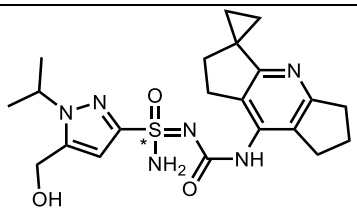
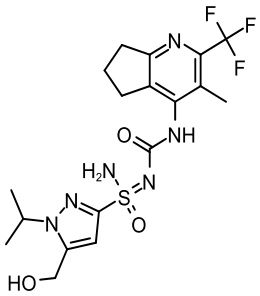
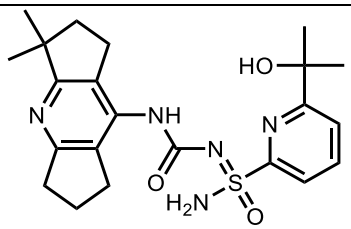
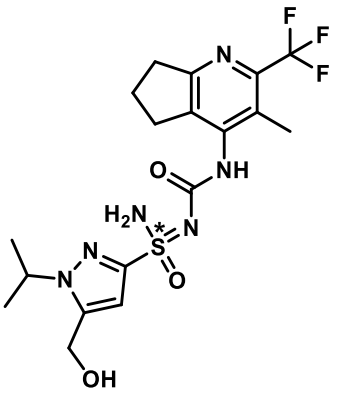
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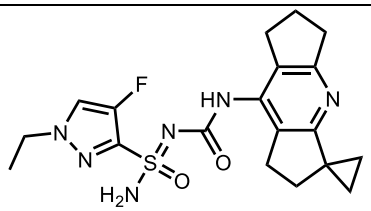
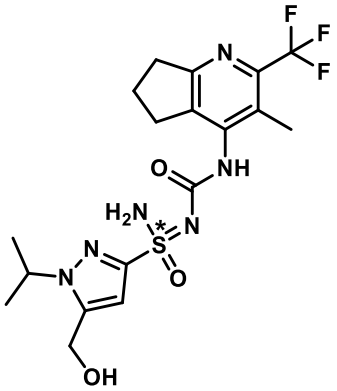
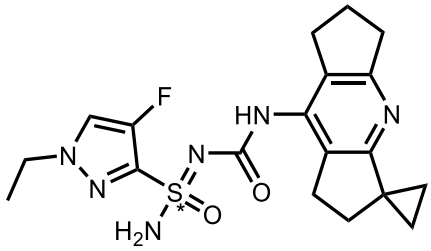
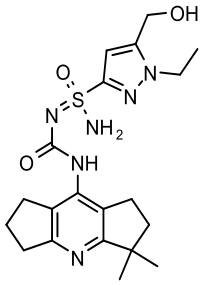
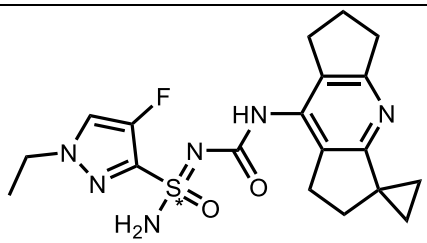
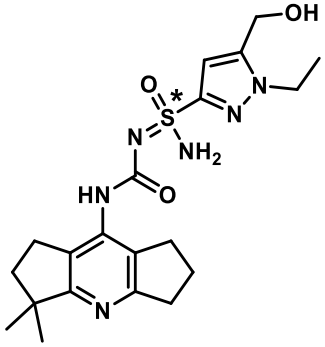
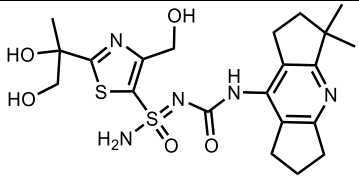
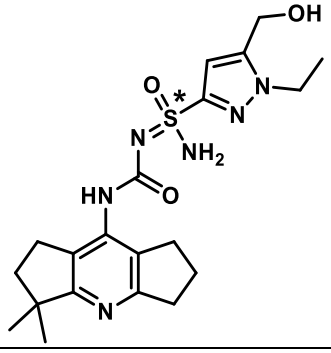
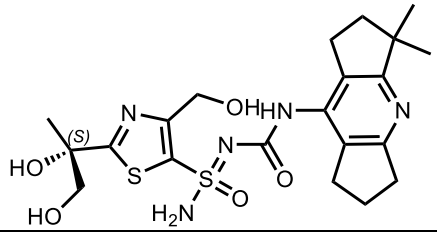
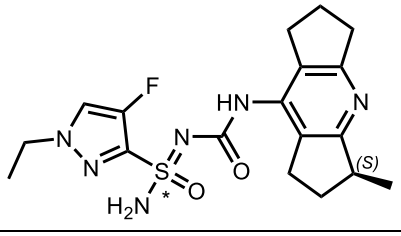
			
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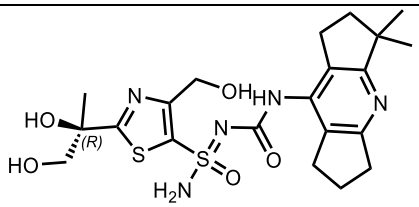
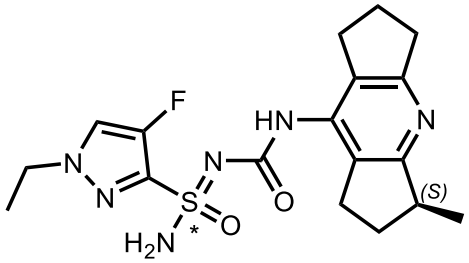
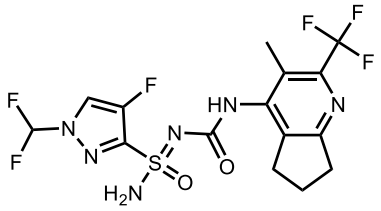
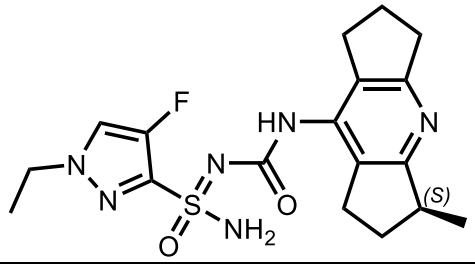
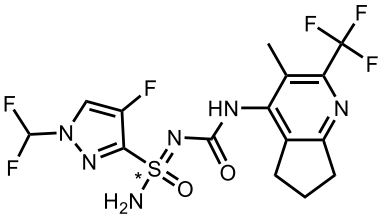
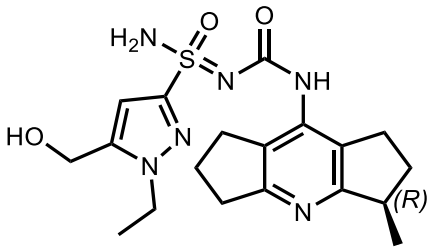
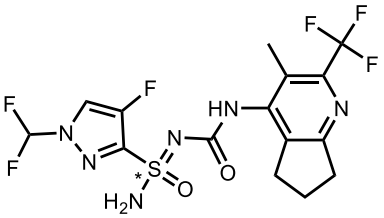
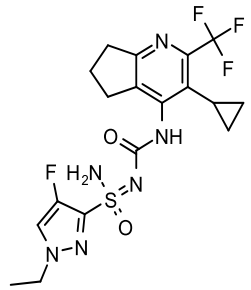
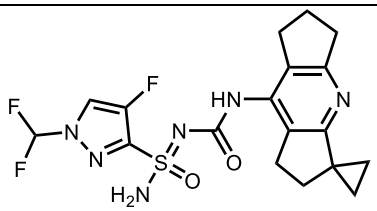
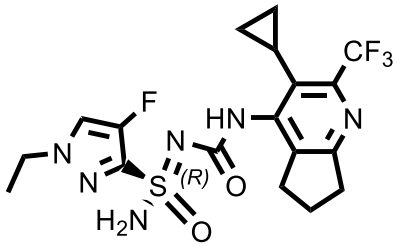
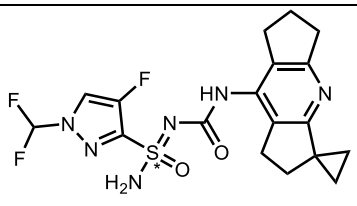
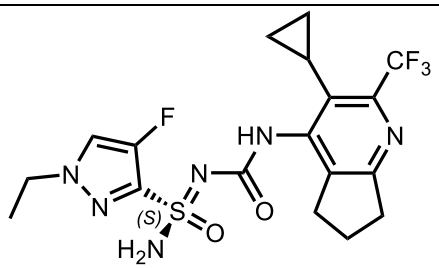
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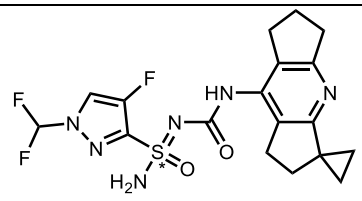
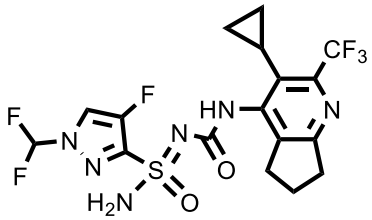
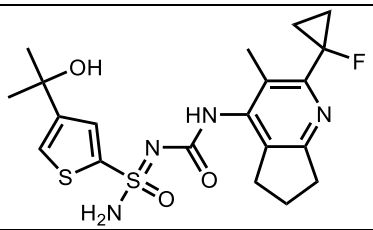
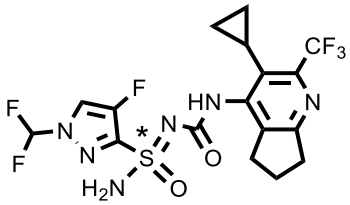
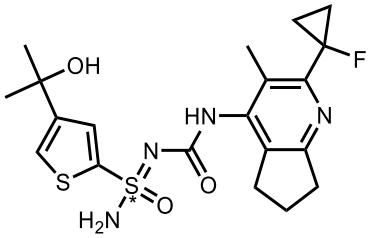
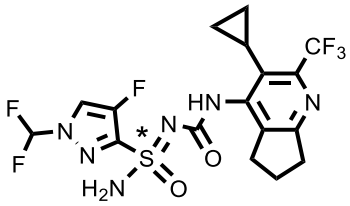
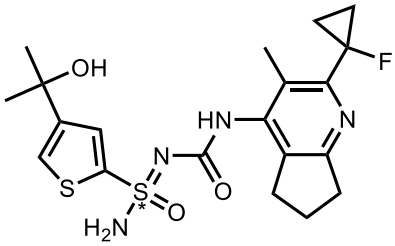
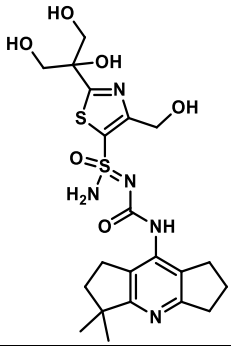
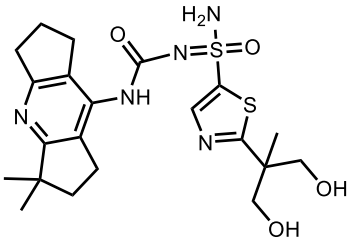
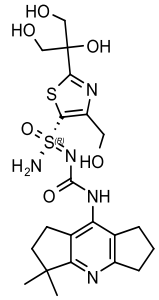
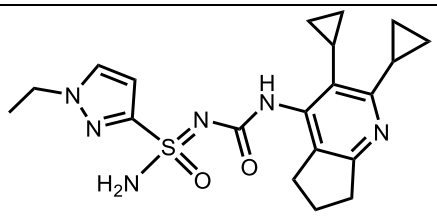
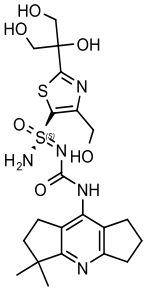
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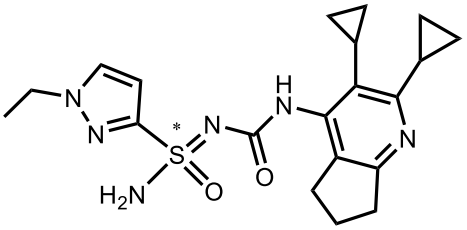
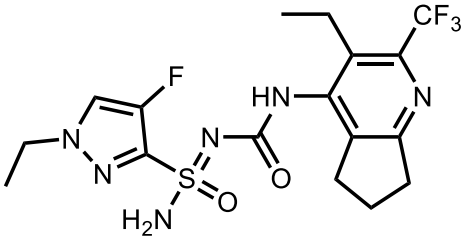
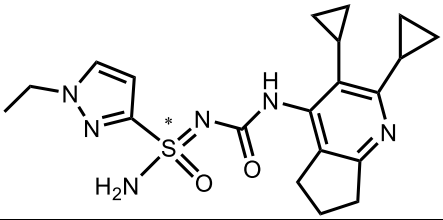
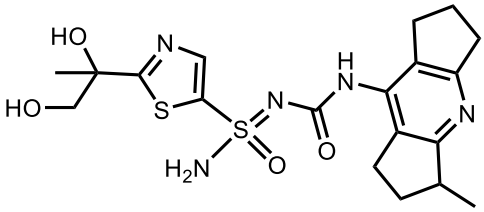
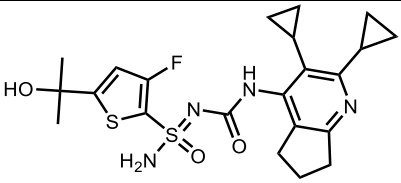
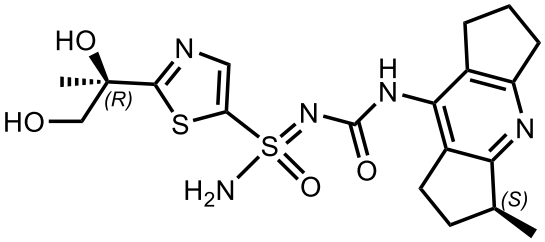
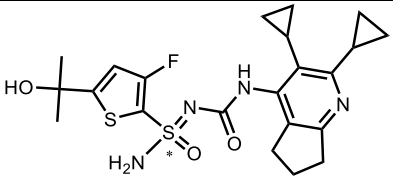
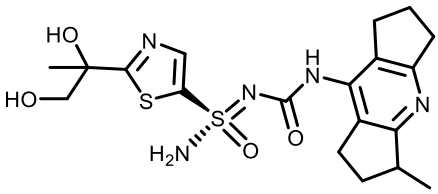
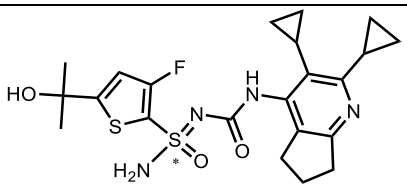
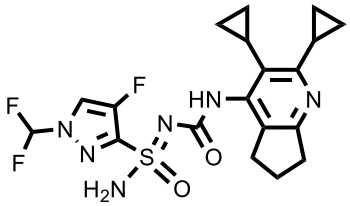
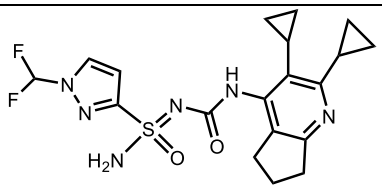
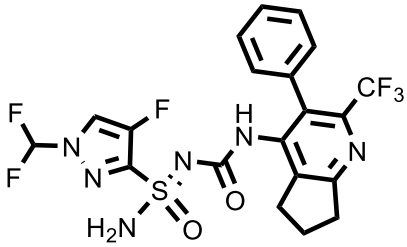
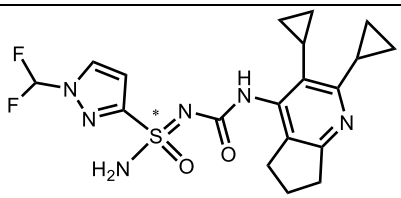
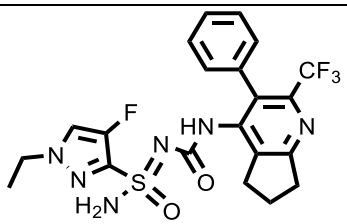
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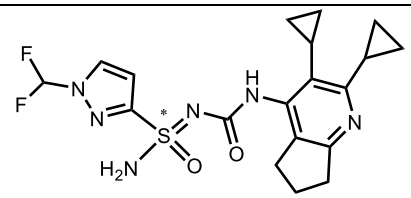
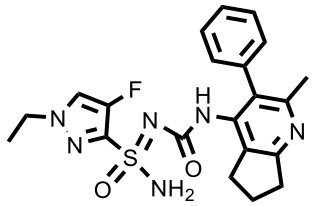
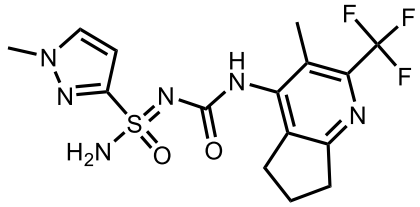
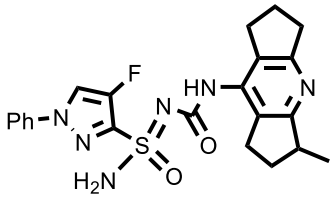
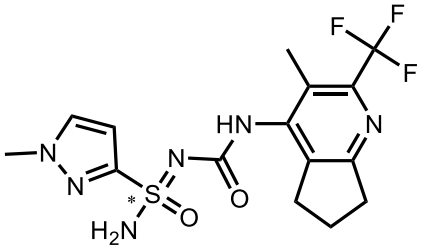
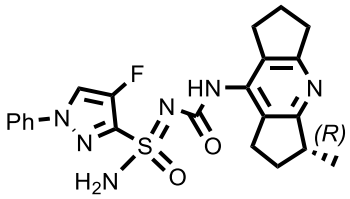
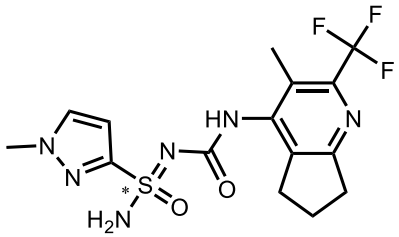
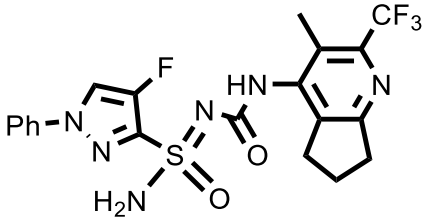
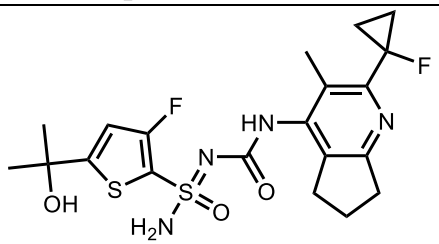
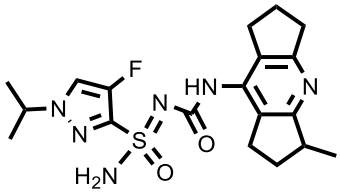
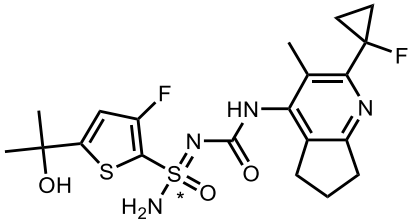
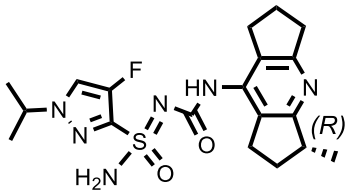
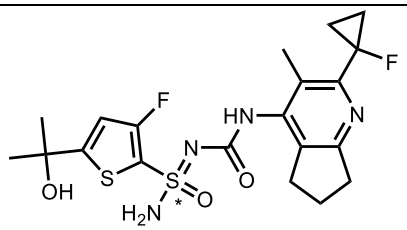
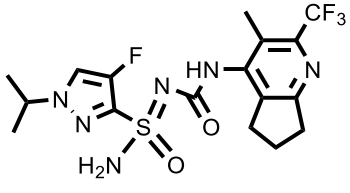
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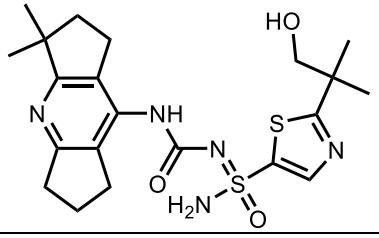
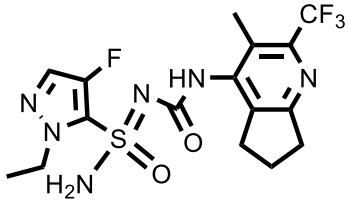
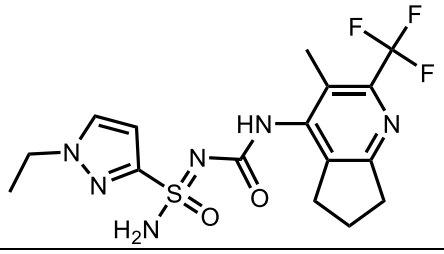
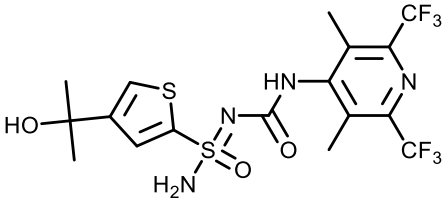
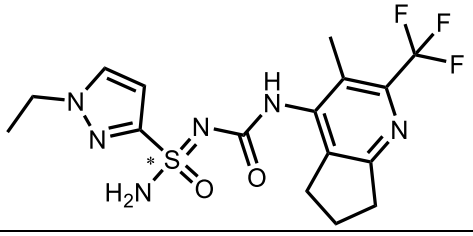
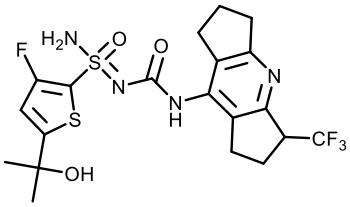
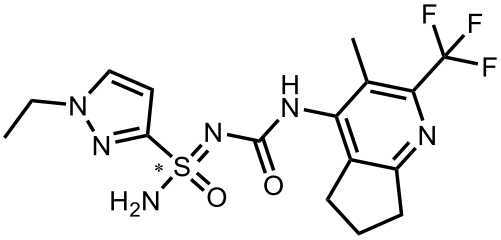
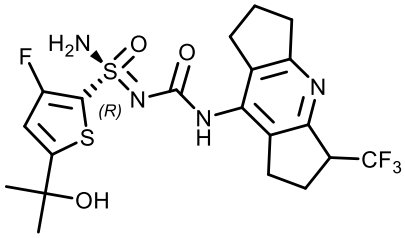
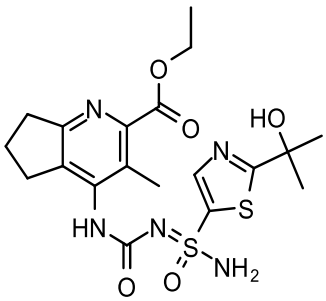
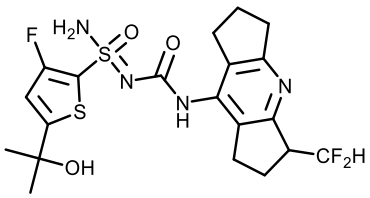
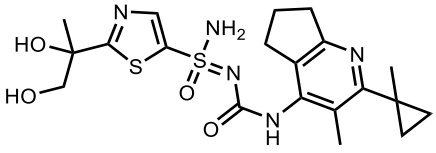
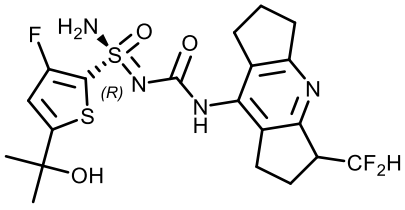
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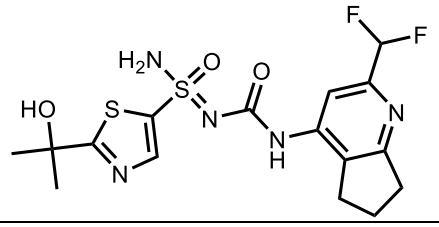
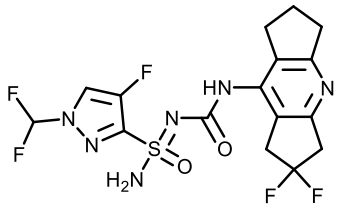
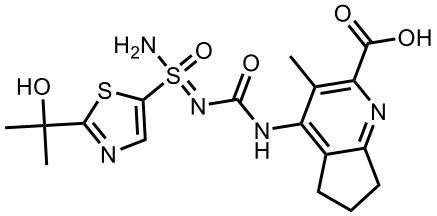
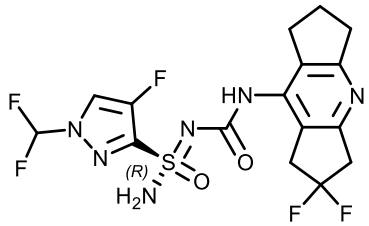
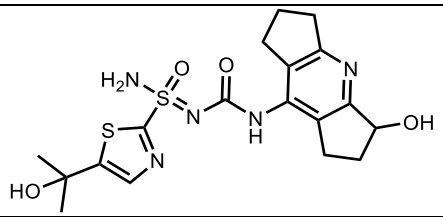
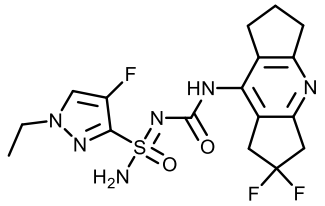
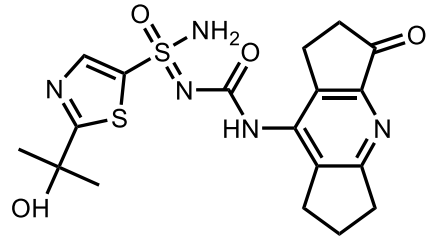
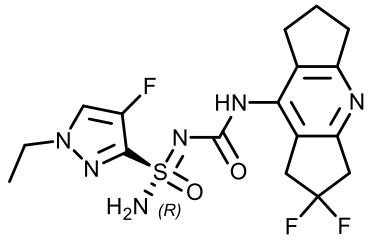
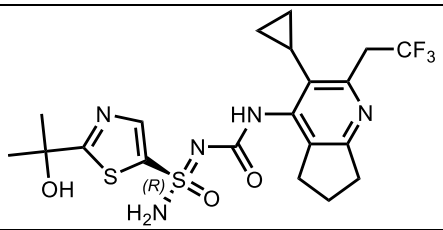
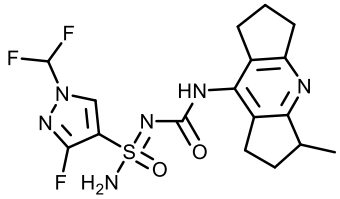
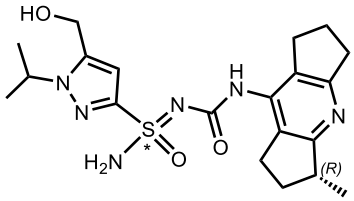
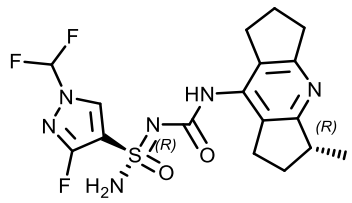
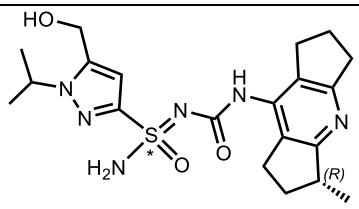
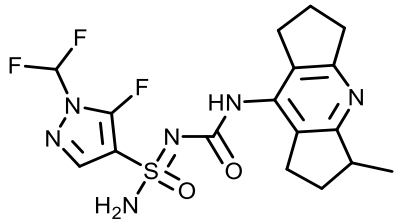
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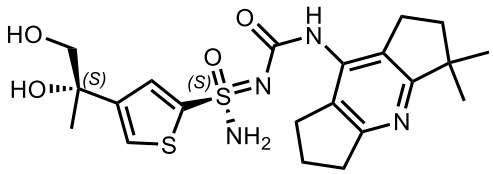
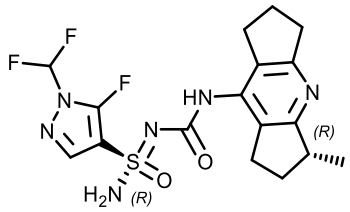
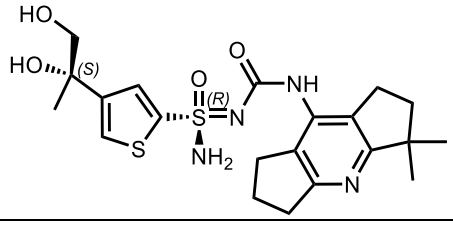
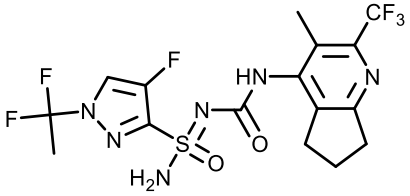
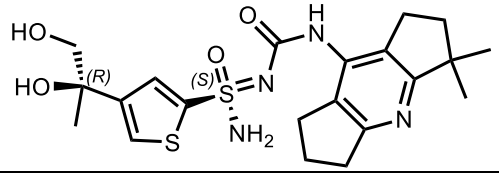
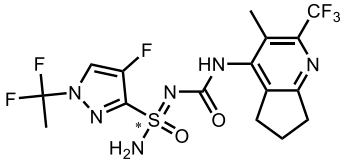
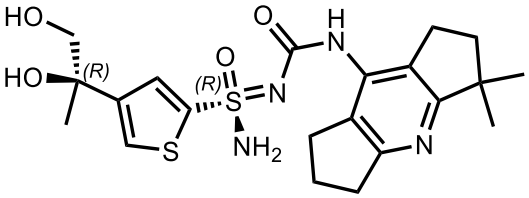
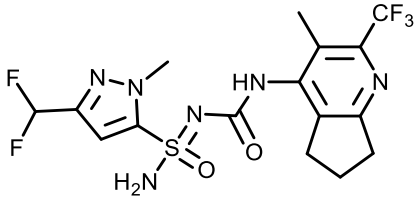
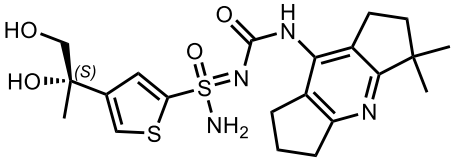
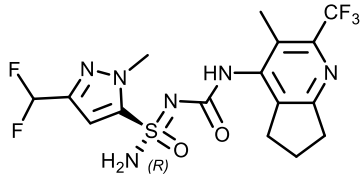
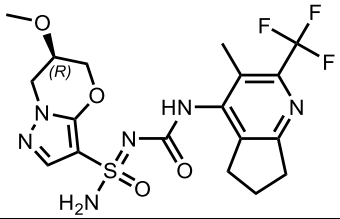
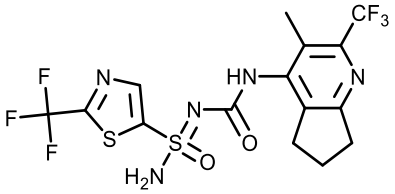
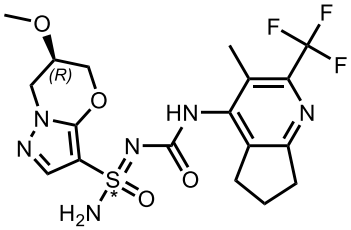
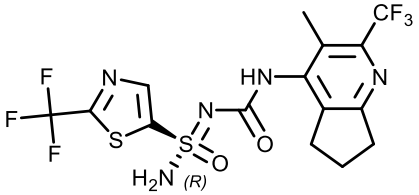
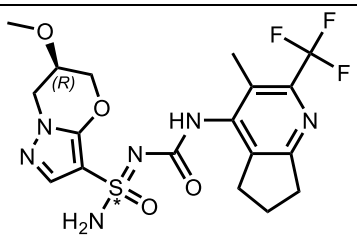
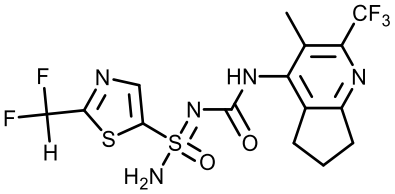
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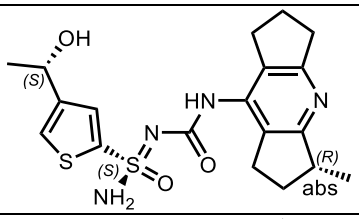
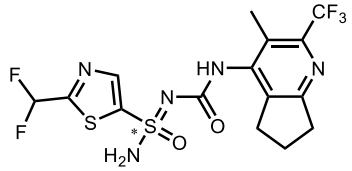
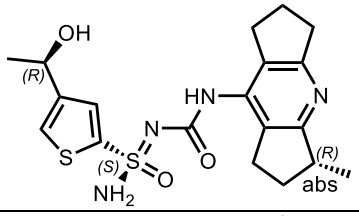
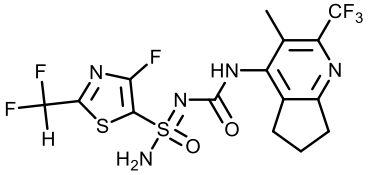
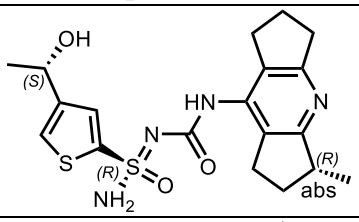
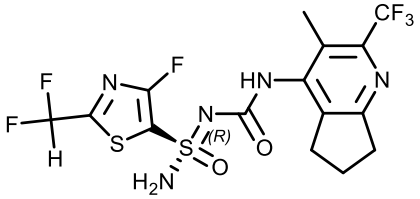
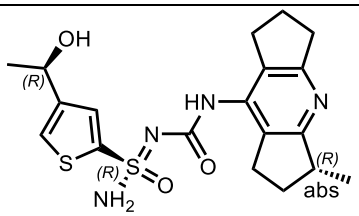
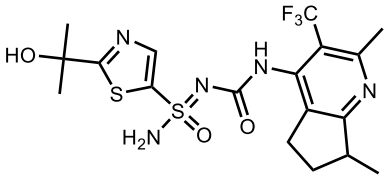
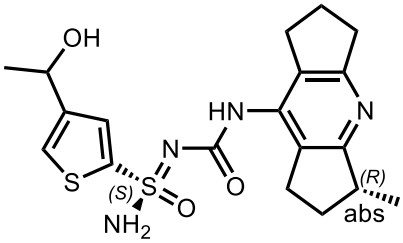
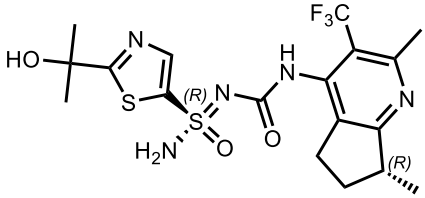
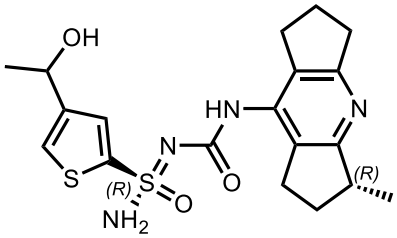
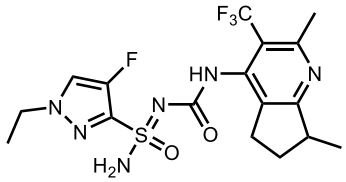
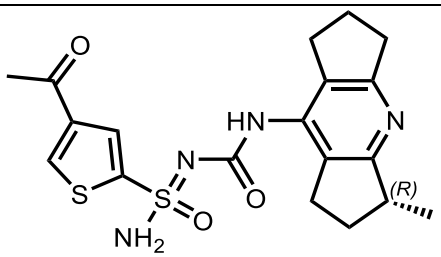
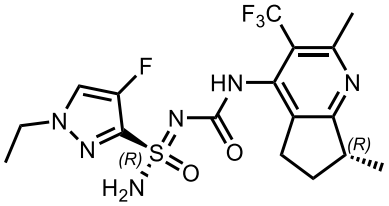
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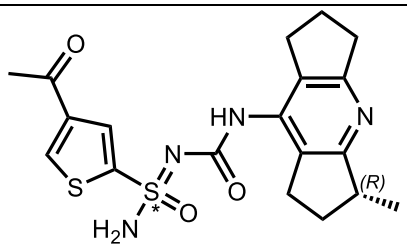
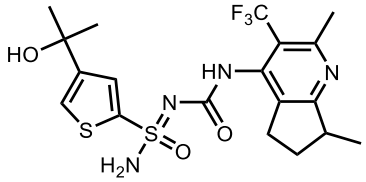
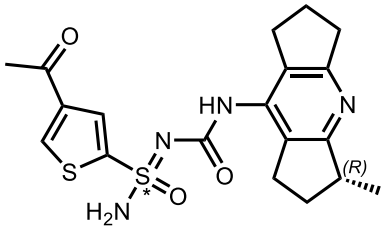
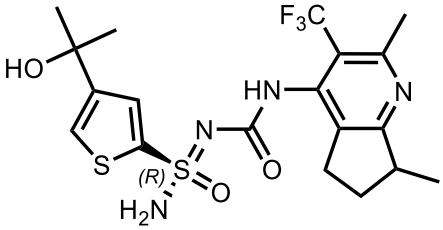
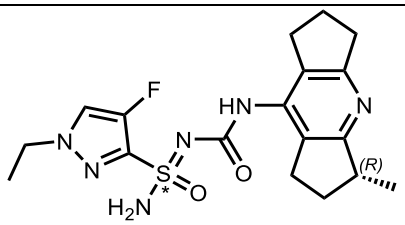
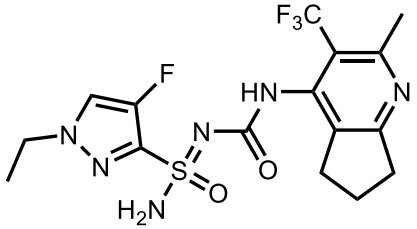
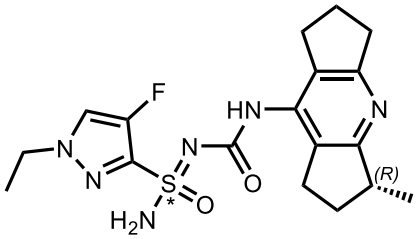
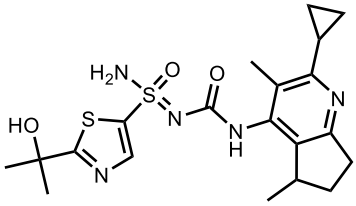
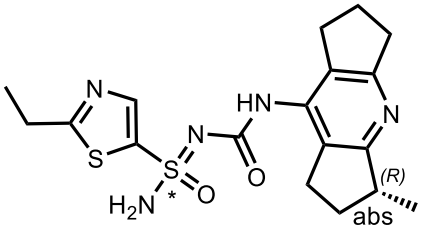
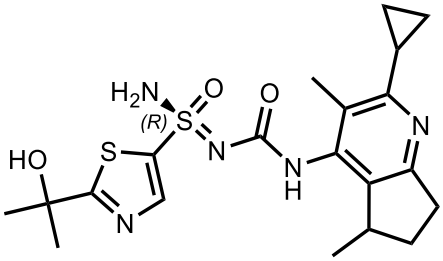
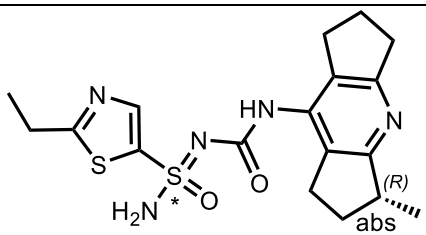
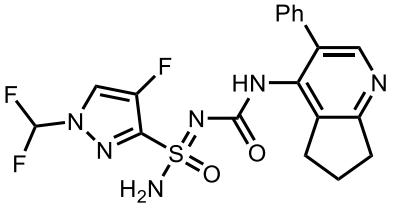
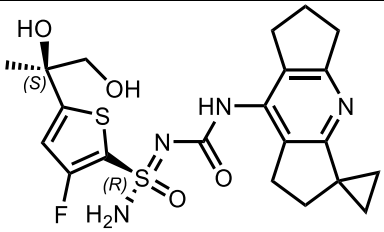
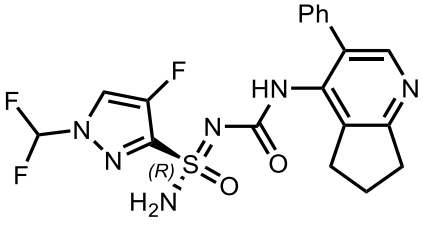
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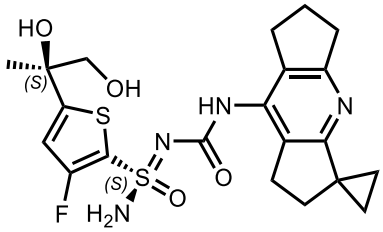
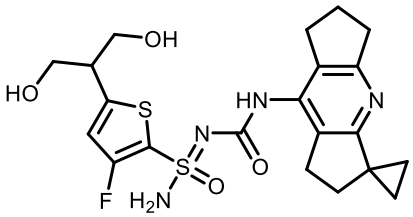
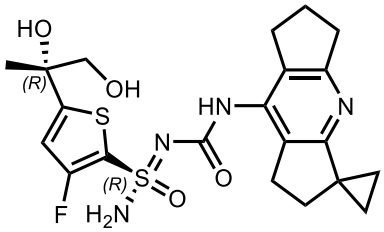
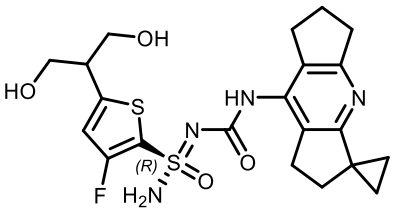
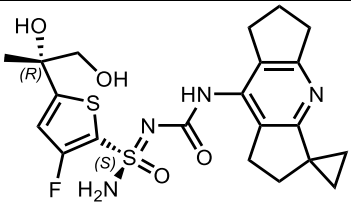
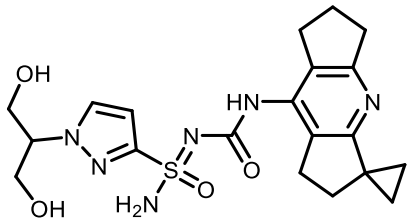
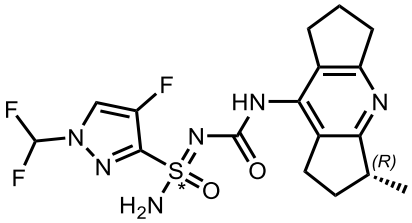
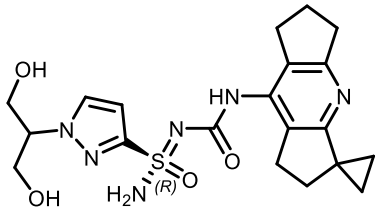
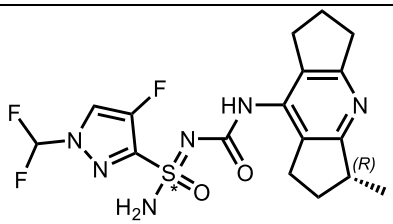
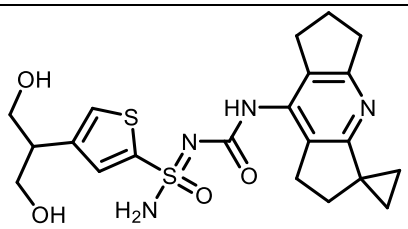
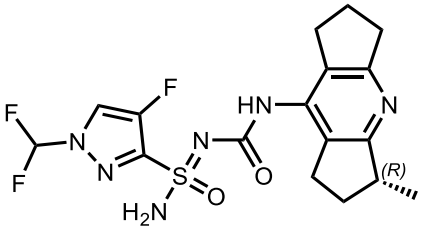
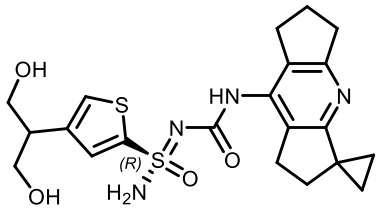
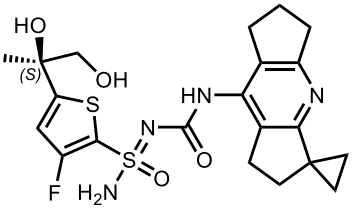
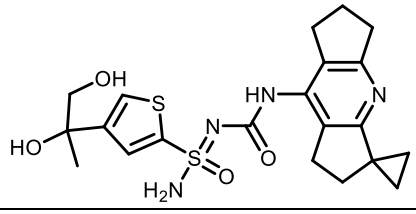
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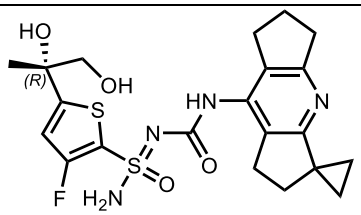
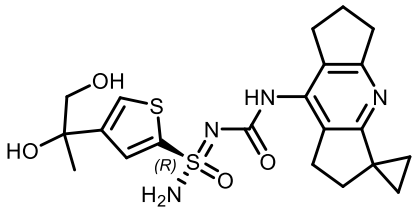
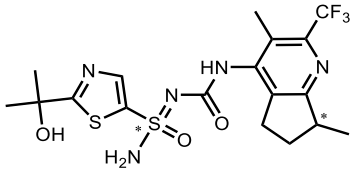
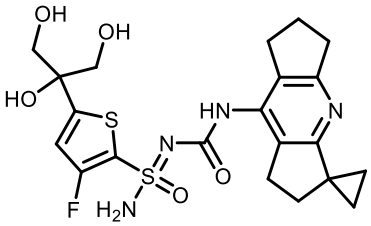
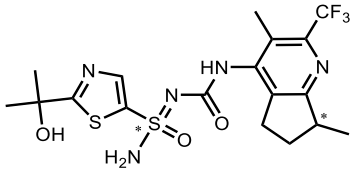
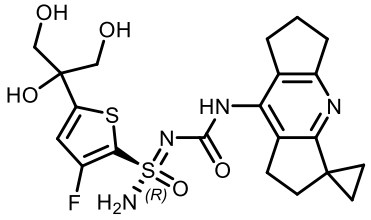
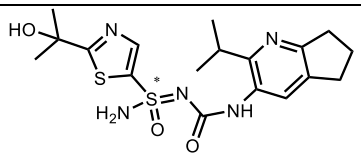
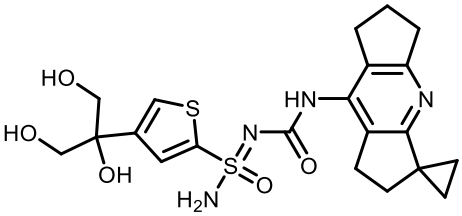
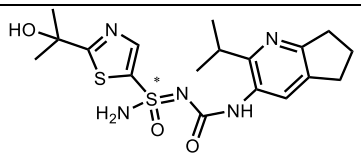
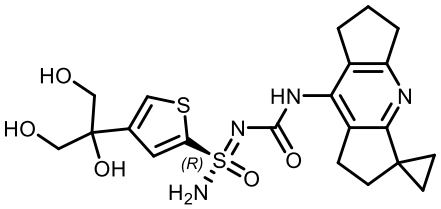
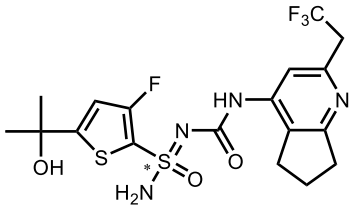
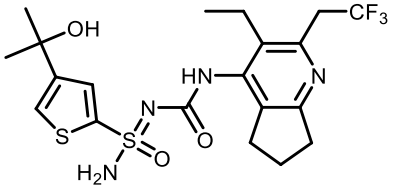
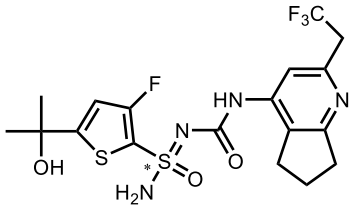
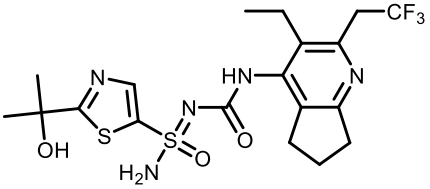
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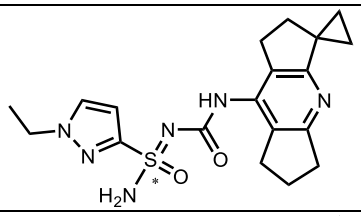
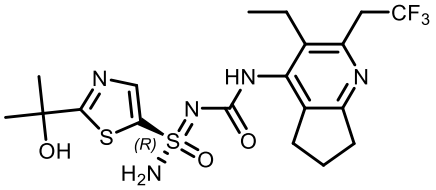
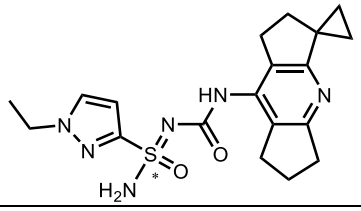
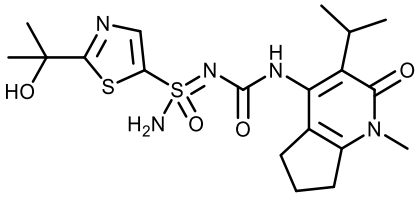
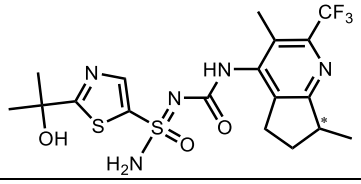
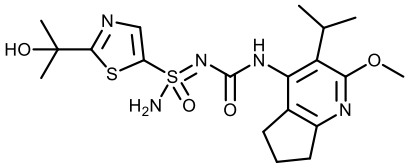
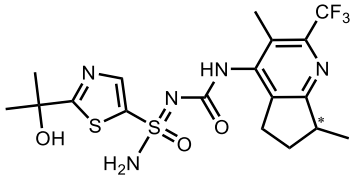
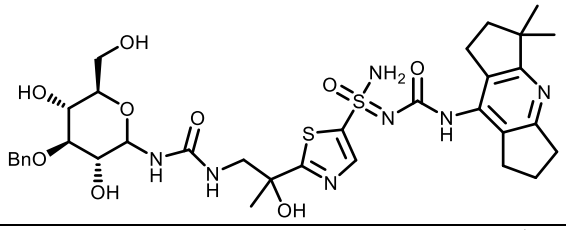
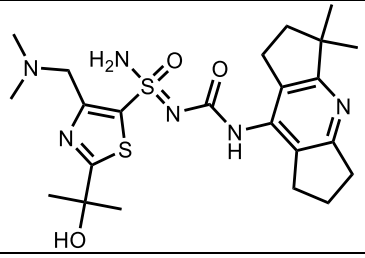
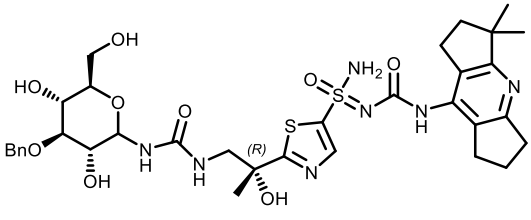
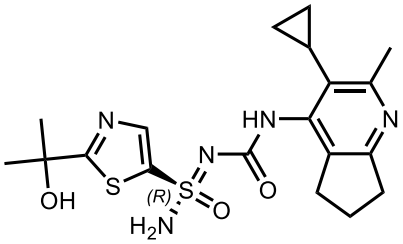
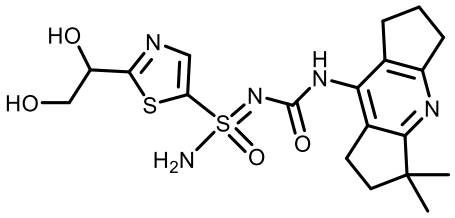
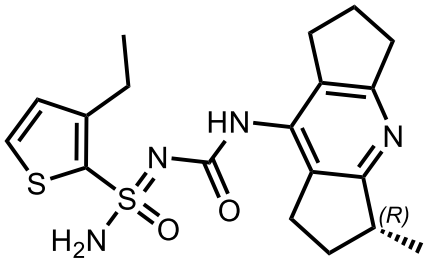
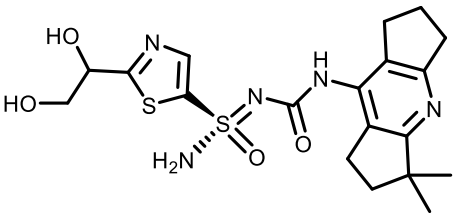
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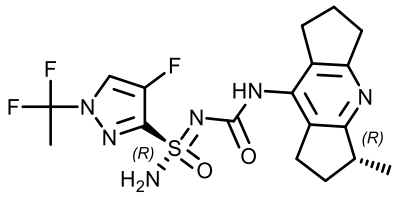
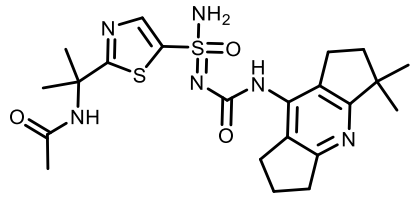
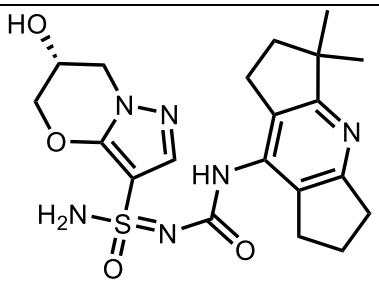
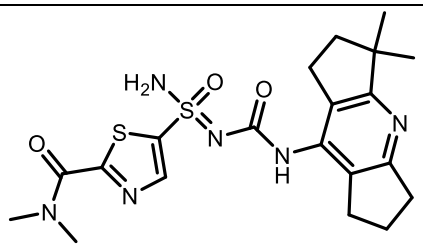
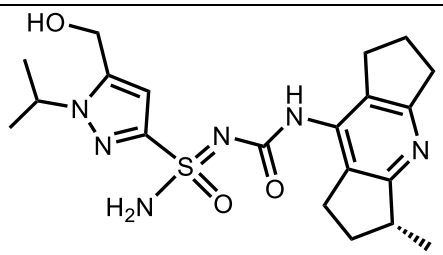
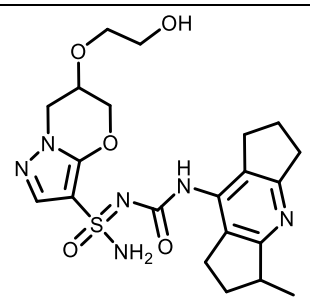
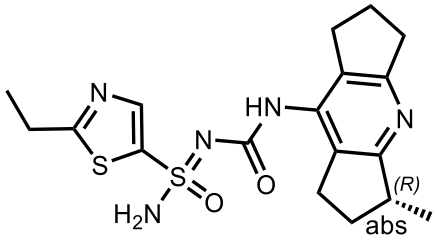
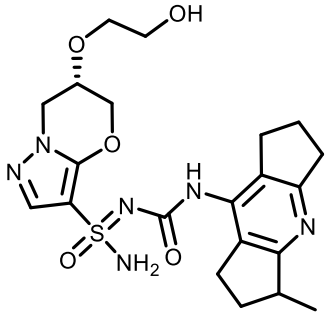
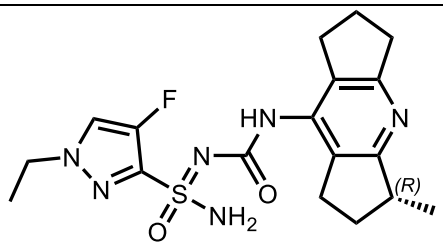
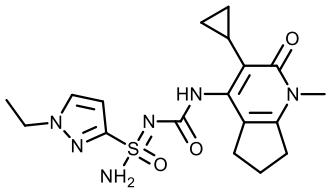
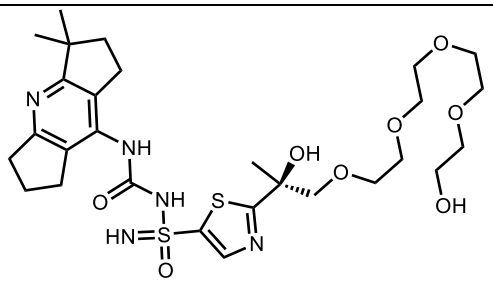
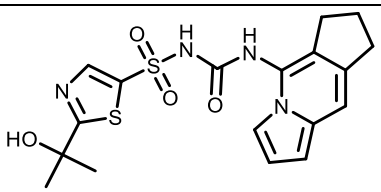
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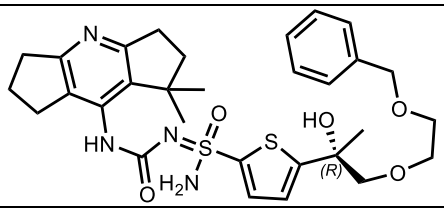
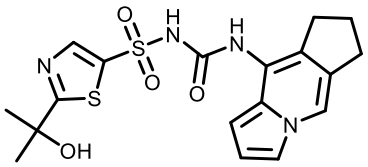
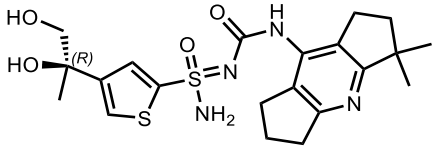
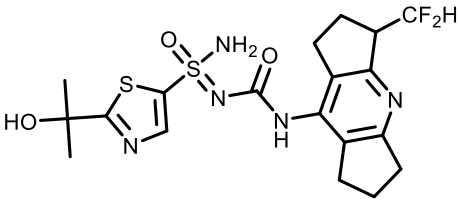
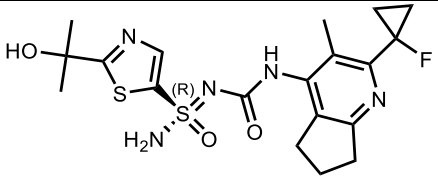
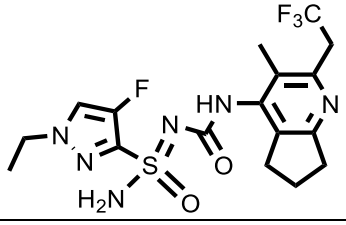
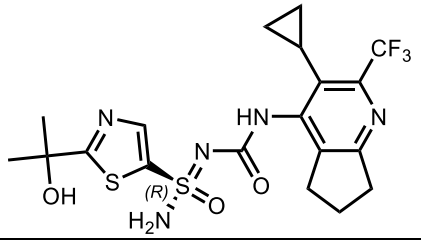
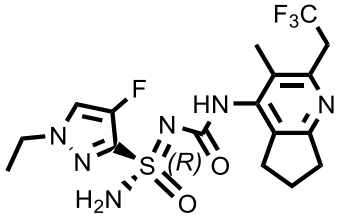
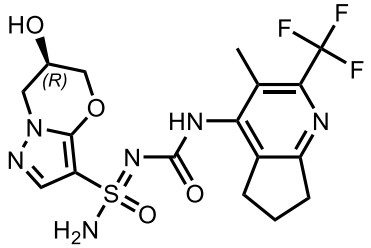
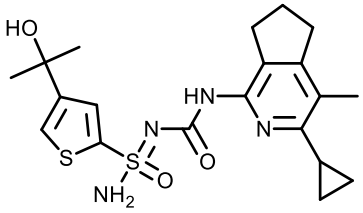
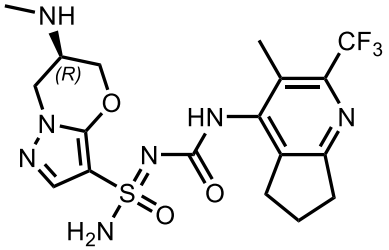
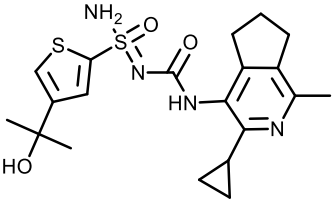
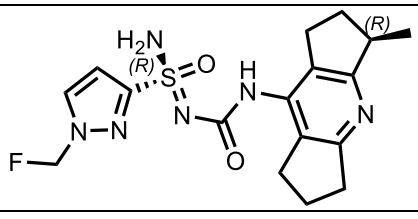
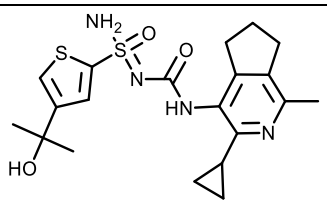
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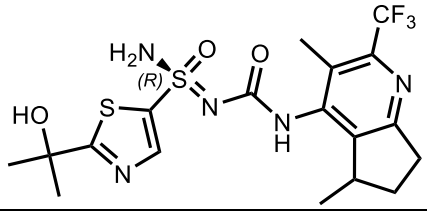
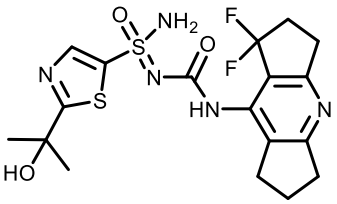
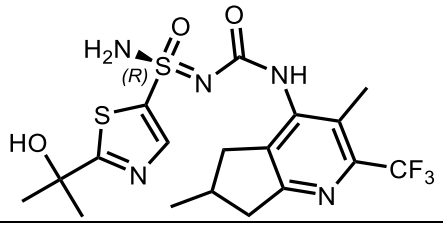
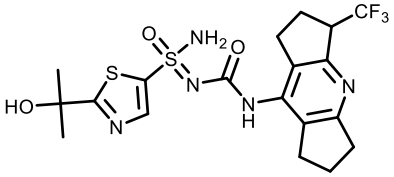
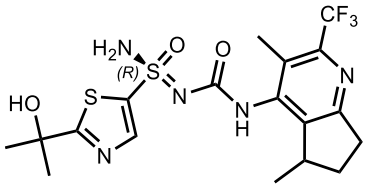
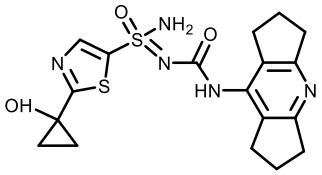
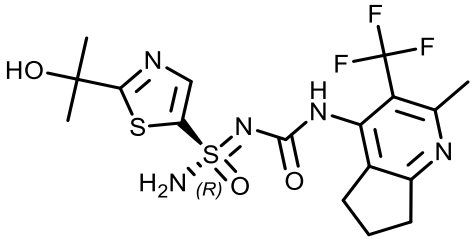
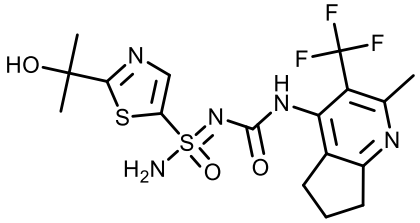
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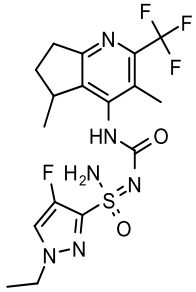
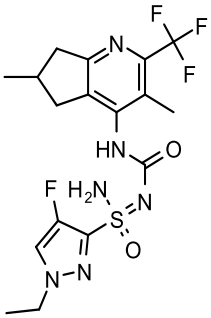
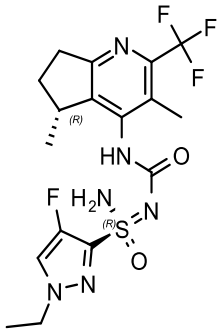
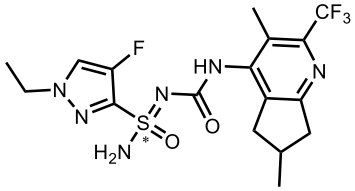
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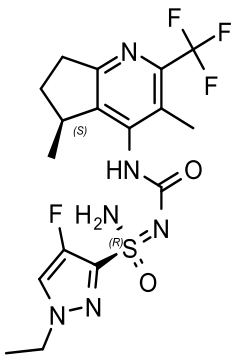
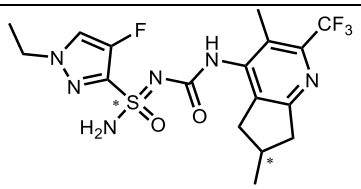
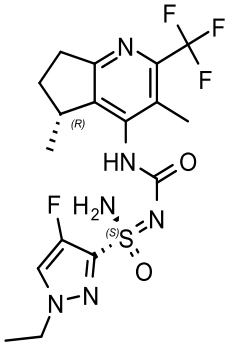
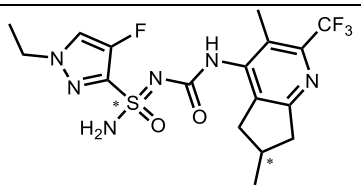
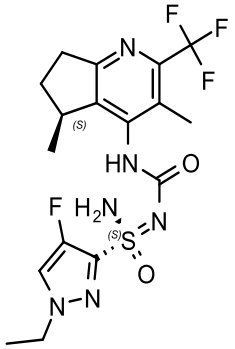
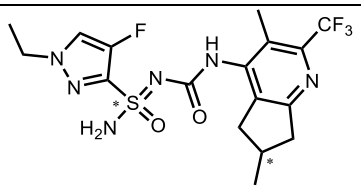
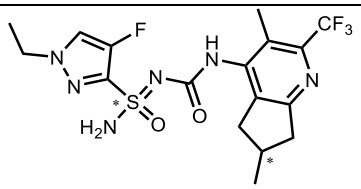
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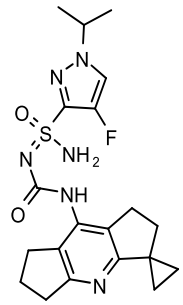
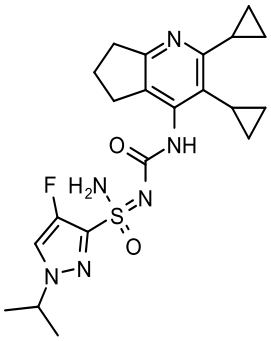
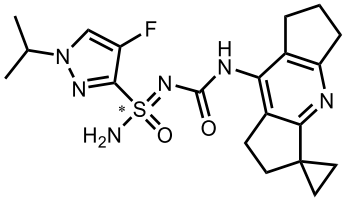
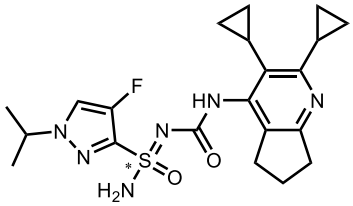
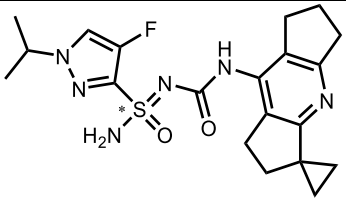
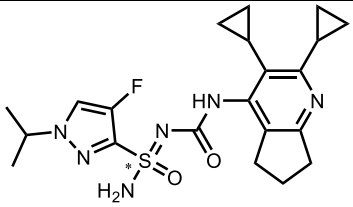
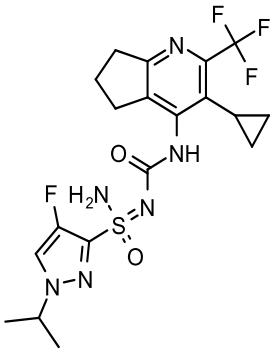
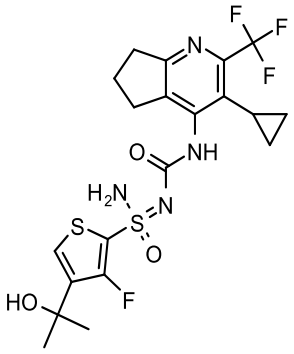
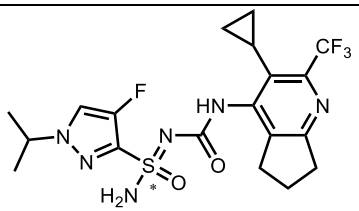
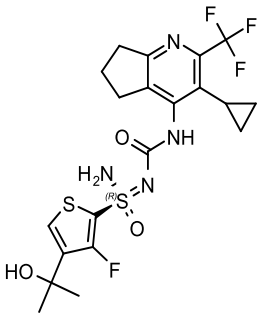
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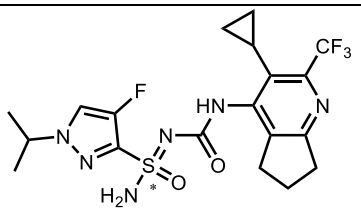
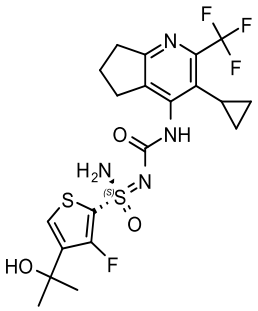
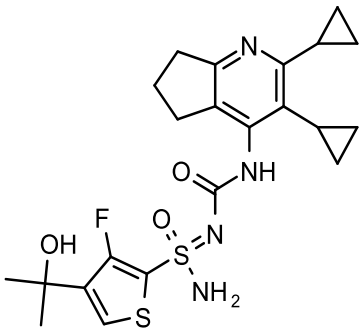
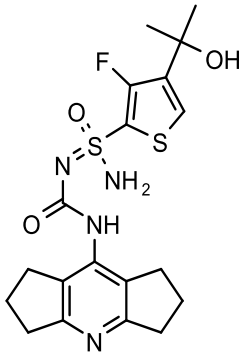
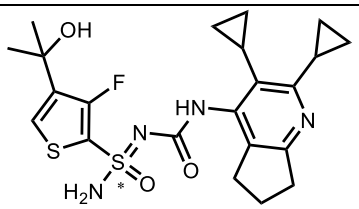
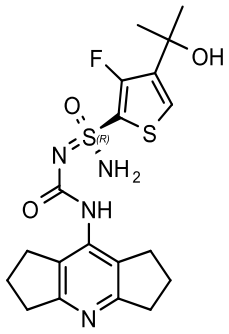
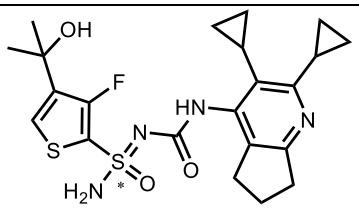
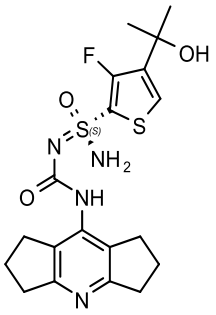
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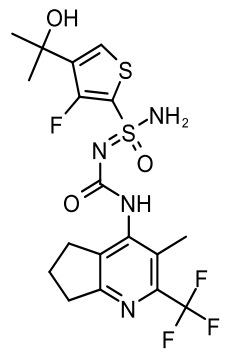
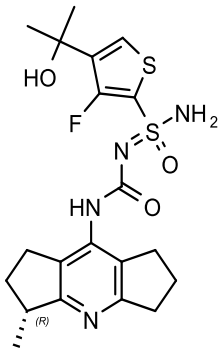
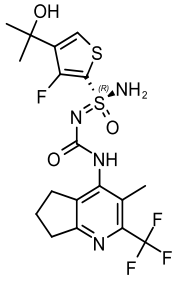
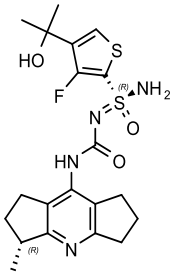
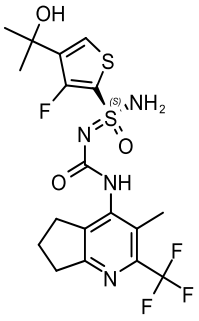
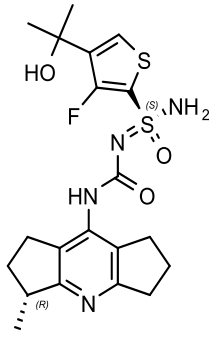
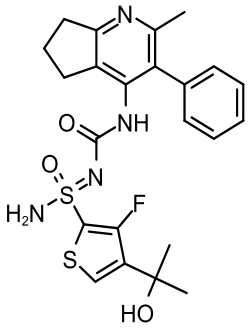
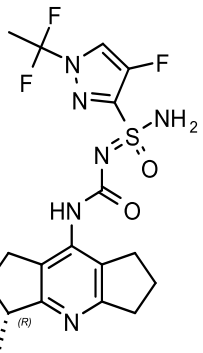
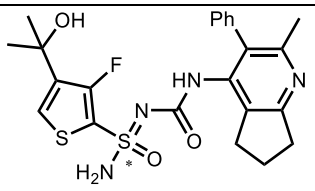
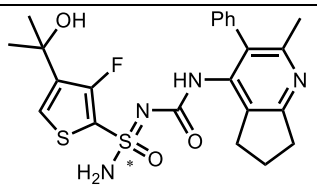
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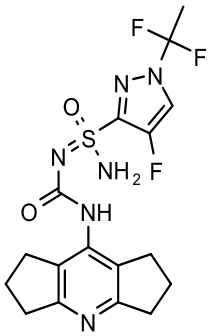
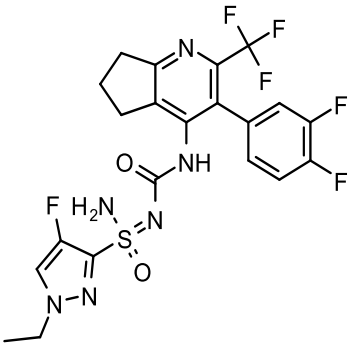
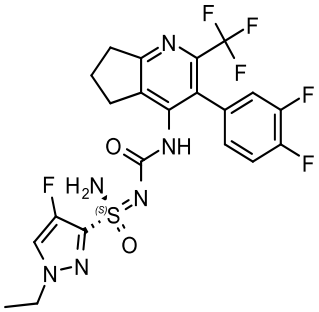
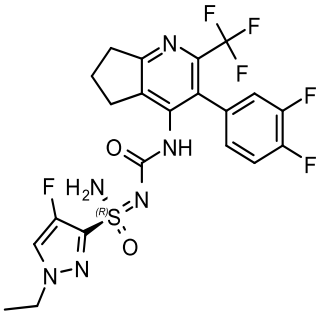
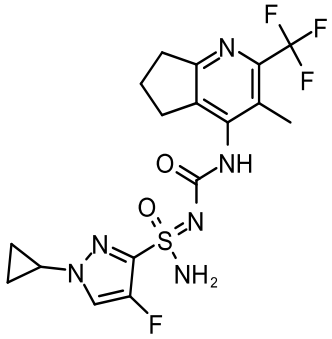
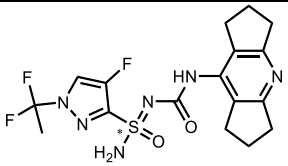
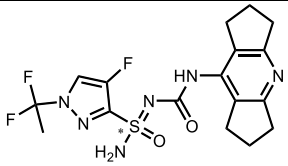
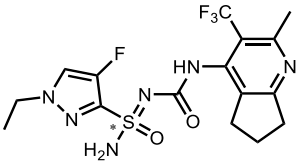
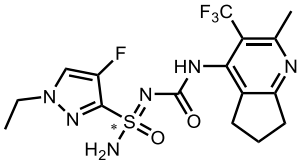
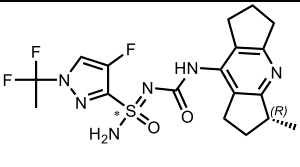
1100		**1101**	
1100a		**1101a**	

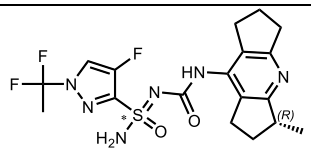
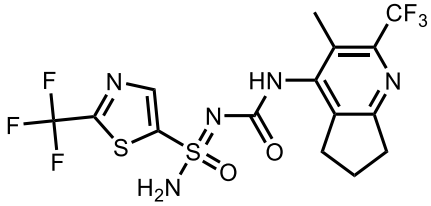
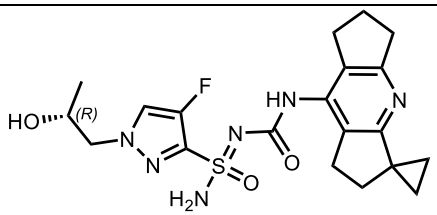
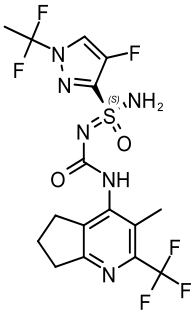
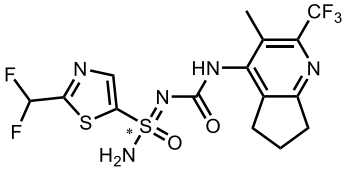
1100b		**1101b**	
1100c		**1101c**	
1100d		**1101d**	
		1101e	

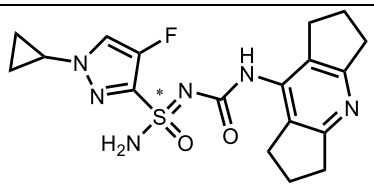
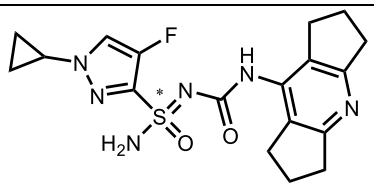
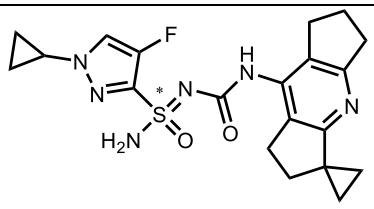
1102		**1103**	
1102a		**1103a**	
1102b		**1103b**	
1104		**1105**	
1104a		**1105a**	

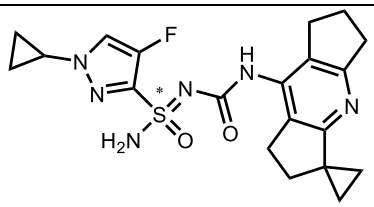
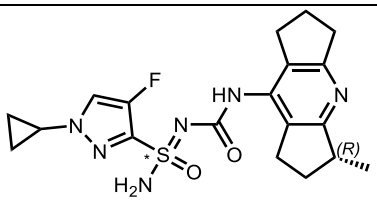
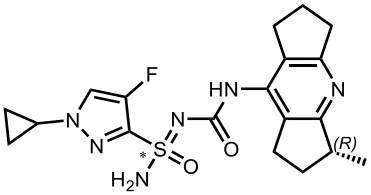
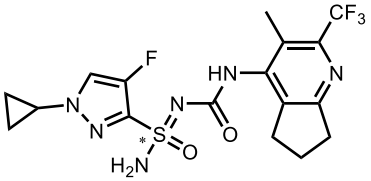
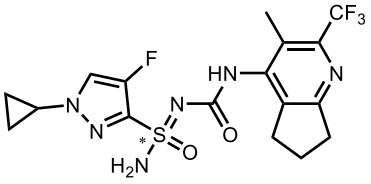
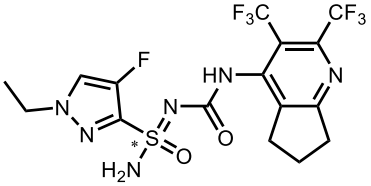
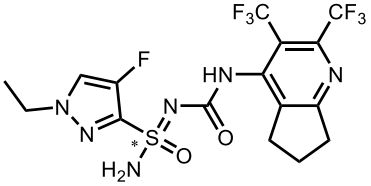
1104b		**1105b**	
1106		**1107**	
1106a		**1107a**	
1106b		**1107b**	

1108		**1109**	
1108a		**1109a**	
1108b		**1109b**	
1110		**1111**	
1110a		**1110b**	

1112		**1113**	
1113a		**1113b**	
1114		**1115a**	
1115b		**1116a**	
1116 b		**1117a**	

1117b		**1118**	
1119		**1004b**	833 
1007b			

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, or a pharmaceutically acceptable salt thereof.

2. A pharmaceutical composition comprising a compound or salt as claimed in claim 1 and one or more pharmaceutically acceptable excipients.

3. Use of the compound of claim 1 in the manufacture of a medicament for the treatment of a subject having a disease in which NLRP3 signaling contributes to the pathology and/or symptoms and/or progression of the disease.
4. The use according to claim 3, wherein the disease, disorder or condition that is any one of:
a metabolic disorder, optionally wherein the metabolic disorder is Type 2 diabetes, atherosclerosis, obesity or gout;
a disease of the central nervous system, optionally wherein the disease of the central nervous system is Alzheimer's disease, multiple sclerosis, Amyotrophic Lateral Sclerosis or Parkinson's disease;
lung disease, optionally wherein the lung disease is asthma, COPD or pulmonary idiopathic fibrosis;
liver disease, optionally wherein the liver disease is NASH syndrome, viral hepatitis or cirrhosis;
pancreatic disease, optionally wherein the pancreatic disease is acute pancreatitis or chronic pancreatitis;
kidney disease, optionally wherein the kidney disease is acute kidney injury or chronic kidney injury;
intestinal disease, optionally wherein the intestinal disease is Crohn's disease or Ulcerative Colitis;
skin disease, optionally wherein the skin disease is psoriasis;
musculoskeletal disease, optionally wherein the musculoskeletal disease is scleroderma;
a vessel disorder, optionally wherein the vessel disorder is giant cell arteritis;
a disorder of the bones, optionally wherein the disorder of the bones is osteoarthritis, osteoporosis or osteopetrosis disorders;
eye disease, optionally wherein the eye disease is glaucoma or macular degeneration a disease caused by viral infection, optionally wherein the diseases caused by viral infection is HIV or AIDS;
an autoimmune disease, optionally wherein the autoimmune disease is Rheumatoid Arthritis, Systemic Lupus Erythematosus, Autoimmune Thyroiditis cancer or aging, optionally wherein the disorder or condition that is cancer is selected from: myelodysplastic syndromes (MDS); non-small cell lung cancer, such as non-small cell

lung cancer in patients carrying mutation or overexpression of NLRP3; acute lymphoblastic leukemia (ALL), such as ALL in patients resistant to glucocorticoids treatment; Langerhan's cell histiocytosis (LCH); multiple myeloma; promyelocytic leukemia; acute myeloid leukemia (AML); chronic myeloid leukemia (CML); gastric cancer; and lung cancer metastasis.

5. The use according to claim 3 or claim 4, wherein a therapeutically effective amount of an anti-TNFα agent is to be administered to the subject; optionally wherein:

the medicament is to be administered to the subject prior to administration of the anti-TNFα agent to the subject; or

wherein the anti-TNFα agent is to be administered to the subject prior to the administration of the medicament to the subject; or

wherein the medicament and the anti-TNFα agent are to be administered to the subject at substantially the same time.

6. The compound of claim 1 for use in the treatment of a subject having a disease in which NLRP3 signaling contributes to the pathology and/or symptoms and/or progression of the disease.