FIG. 1A

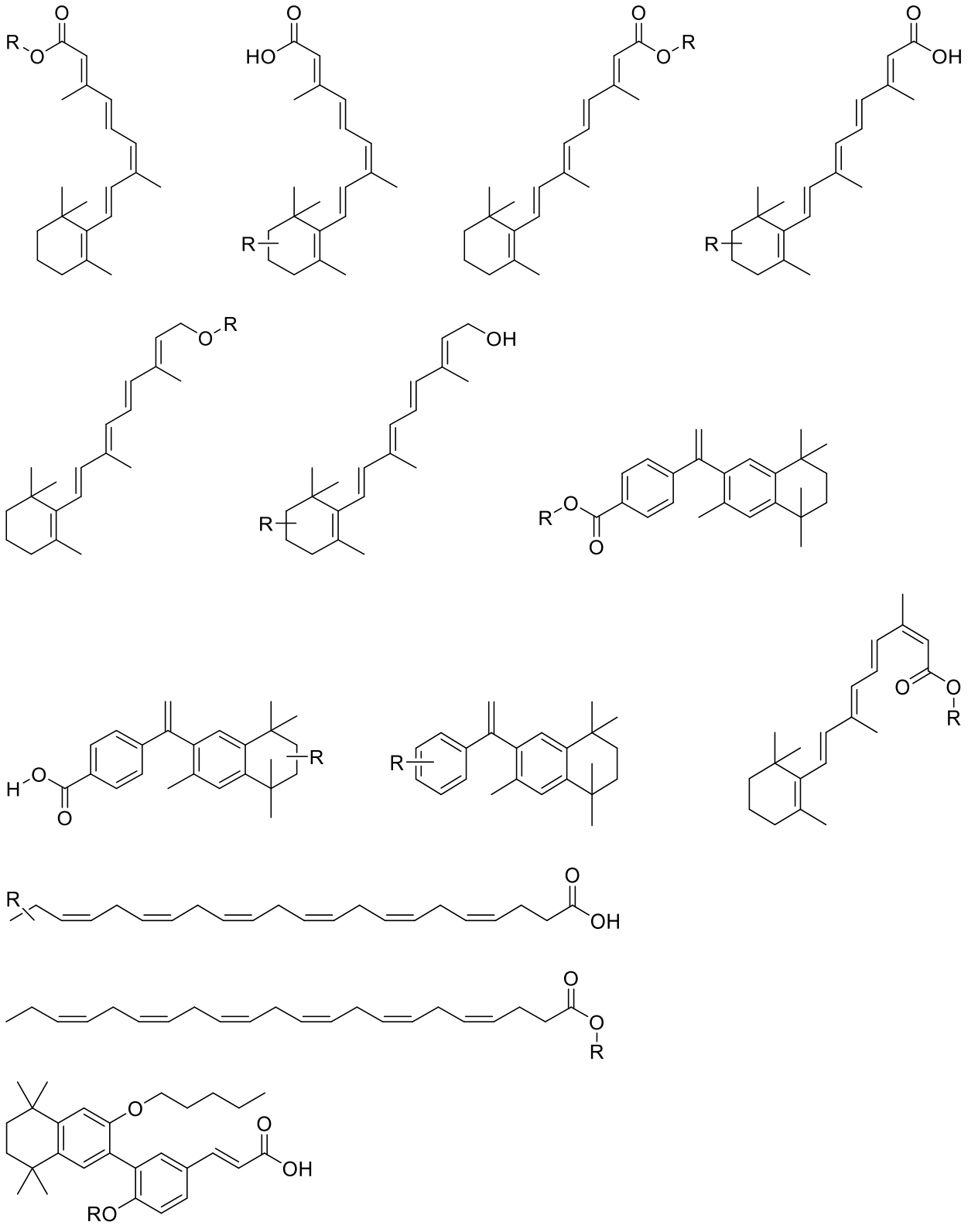
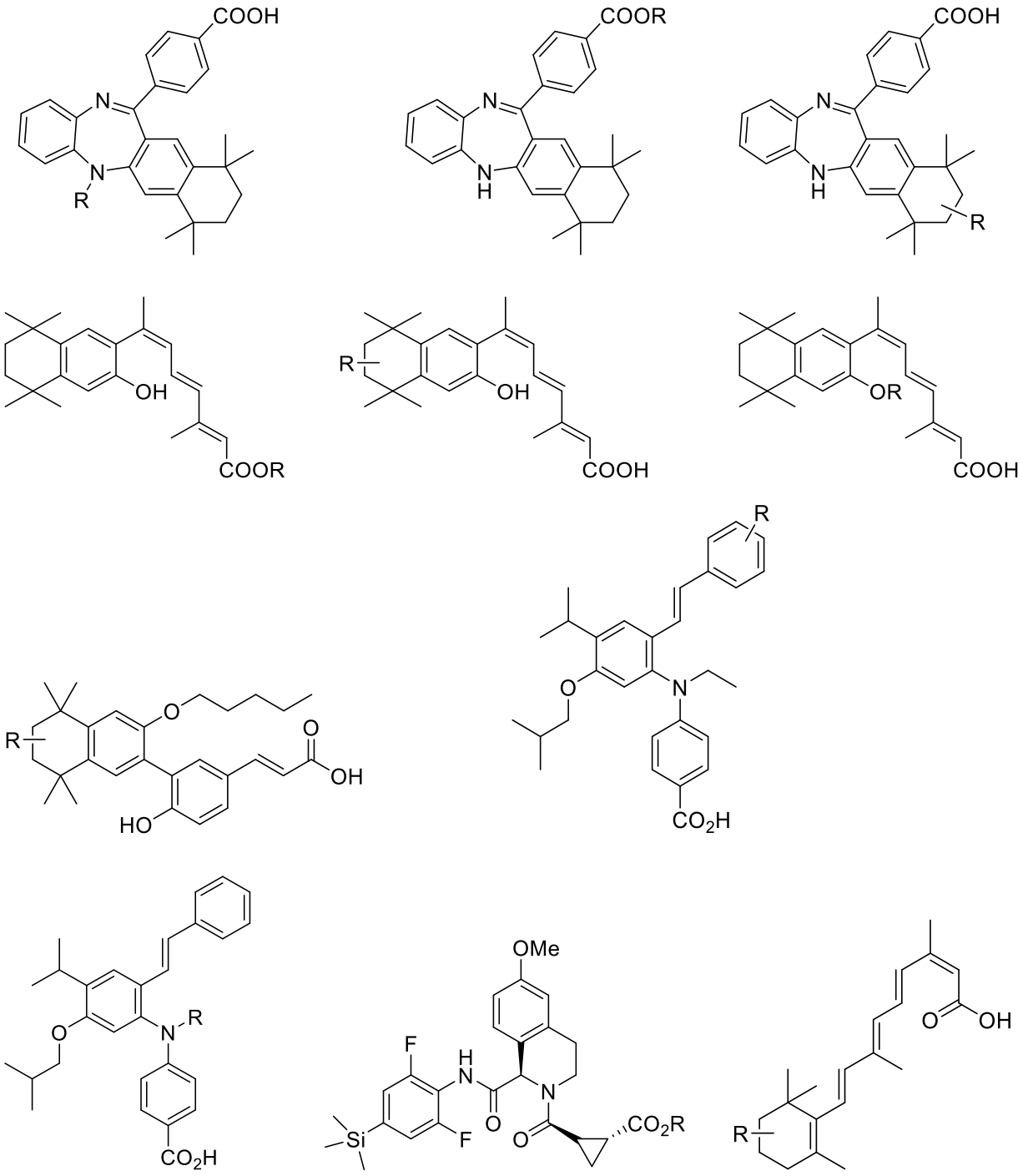


FIG. 1B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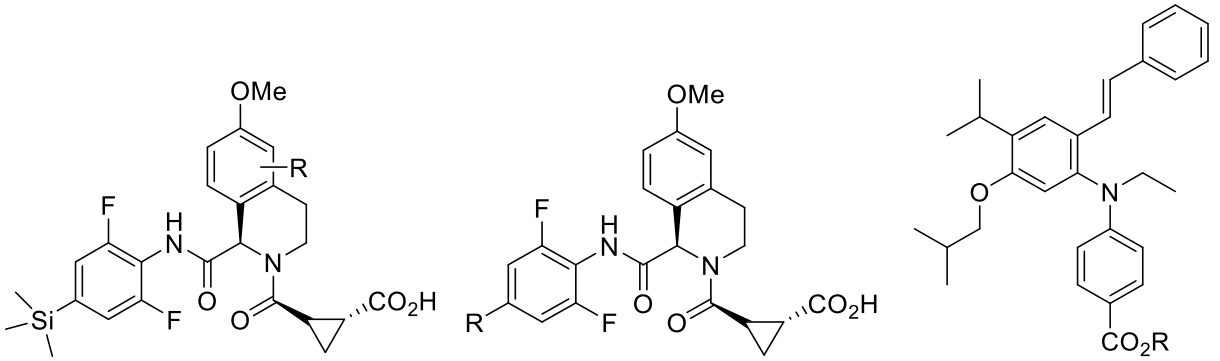
N
R
COOR
N
N
H
COOH
N
N
H
R
OH
COOR
R
OH
COOH
OR
COOH
R
O
O
OH
R
HO
O
N
O
CO2H
R
O
N
R
CO2H
OMe
F
H
N
N
O
Si
F
O
CO2R
O
OH
R

FIG. 1C


OMe
R
F
H
N
O
Si
F
N
O
CO2H
OMe
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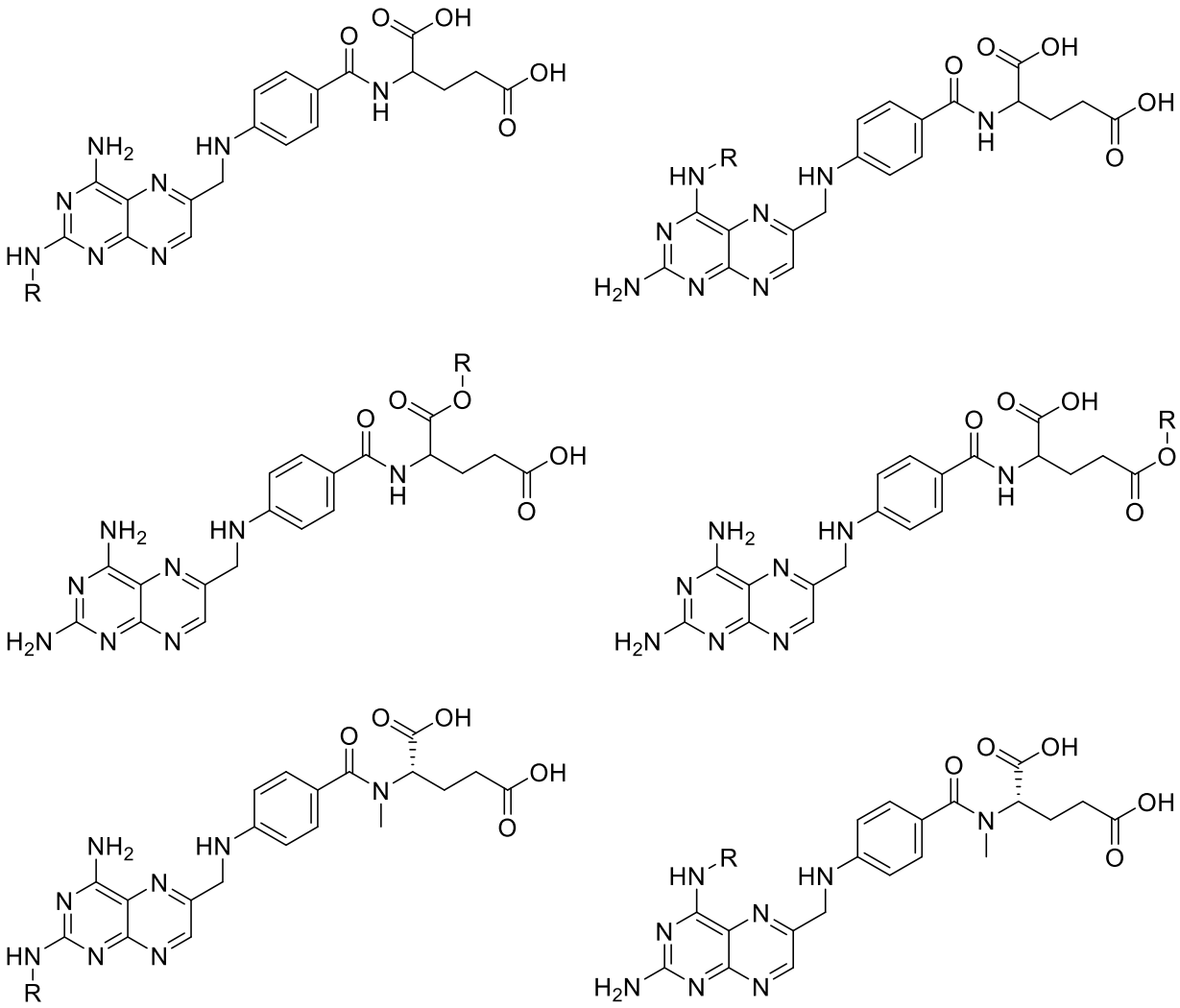
H
N
O
R
F
N
O
CO2H
O
N
CO2R

FIG. 1D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HN
R
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OH
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O
OH
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HN
R
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N
N
HN
O
OH
N
H
O
OH
O
R
O
NH2
HN
N
N
H2N
N
N
O
OH
N
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R
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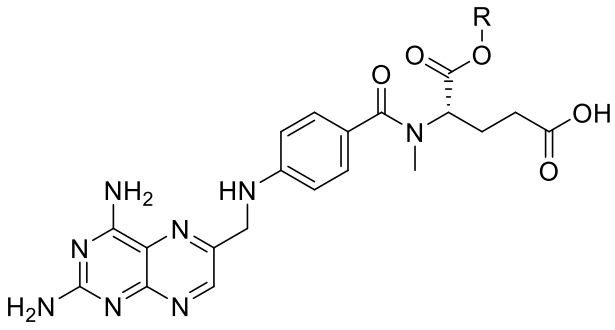
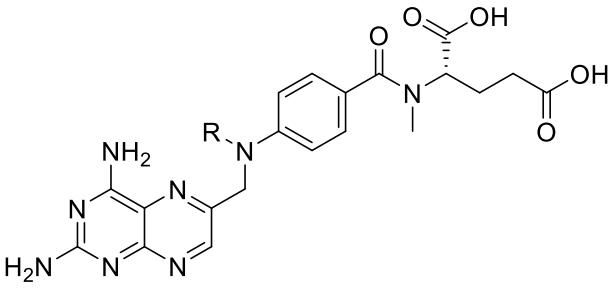
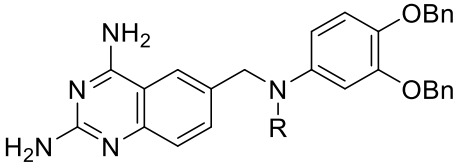
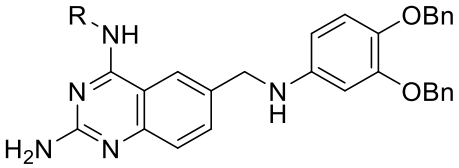
O
OH

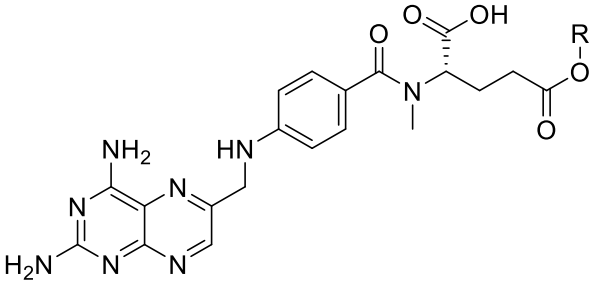
FIG. 1E

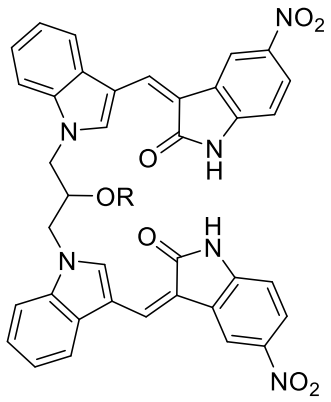


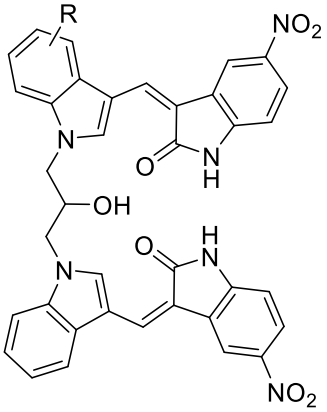


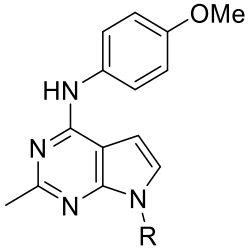












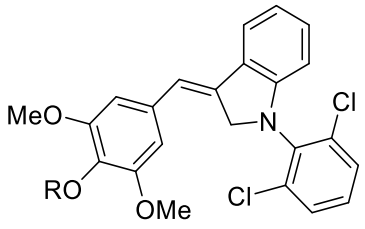


FIG. 1F

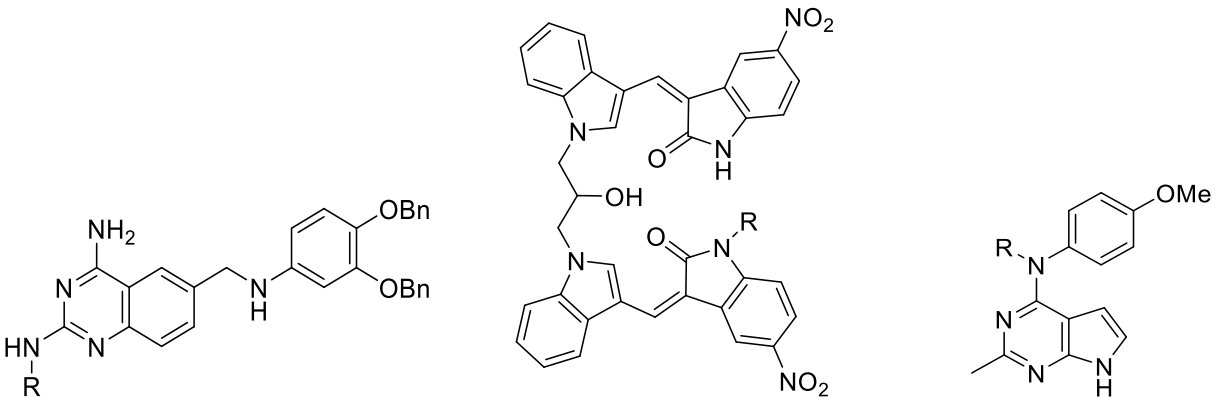


FIG. 1G

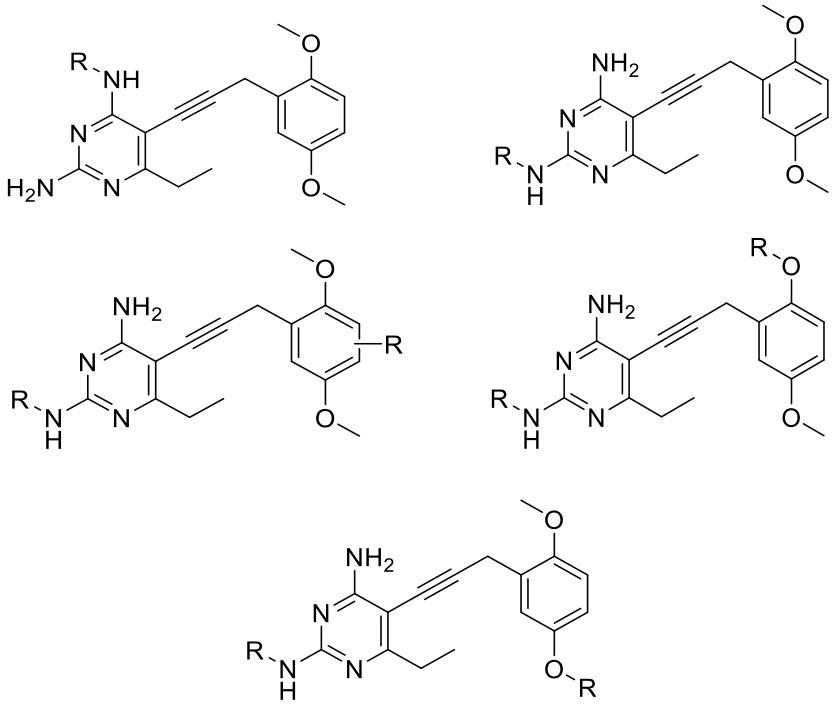


FIG. 1H

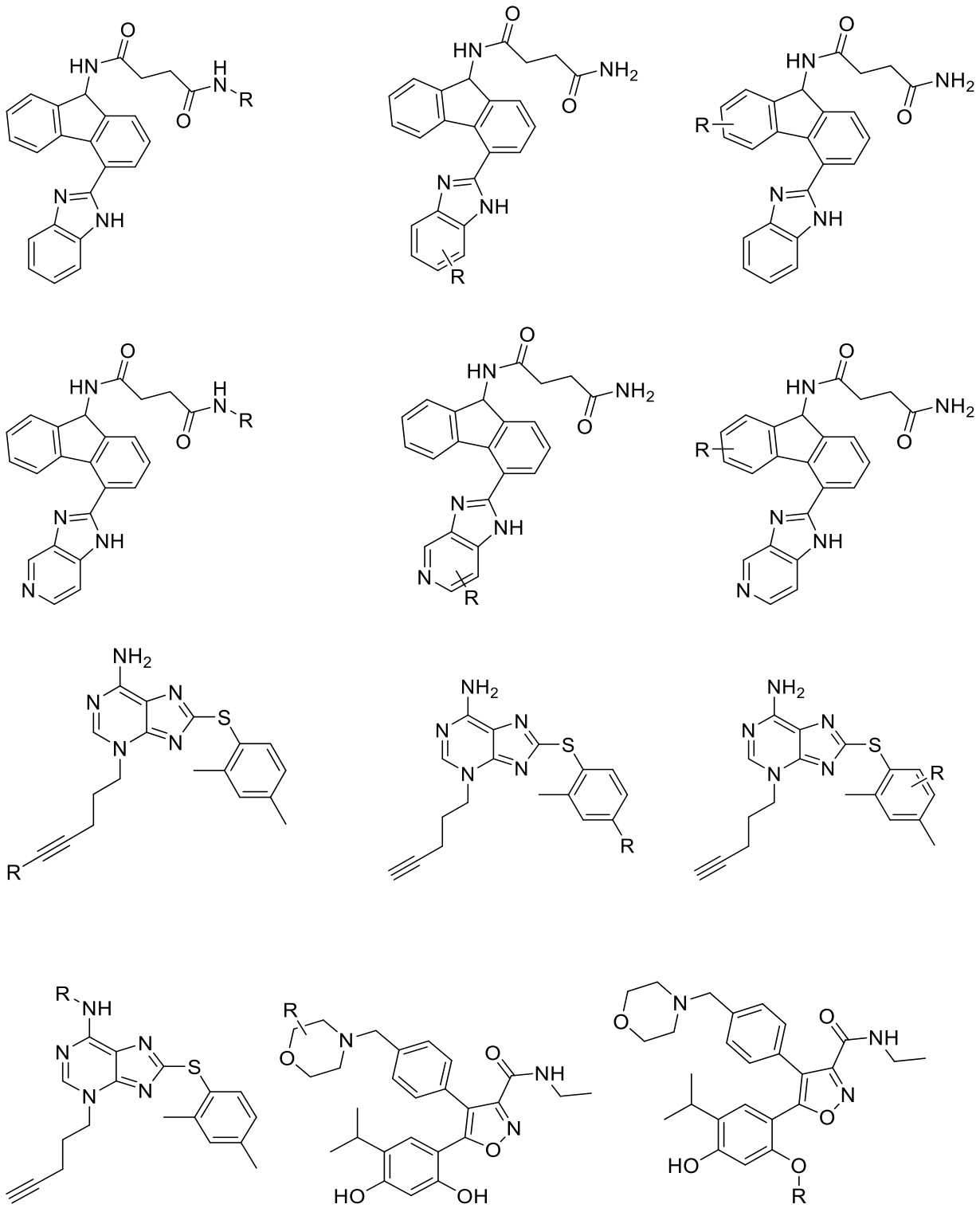


FIG. 1I

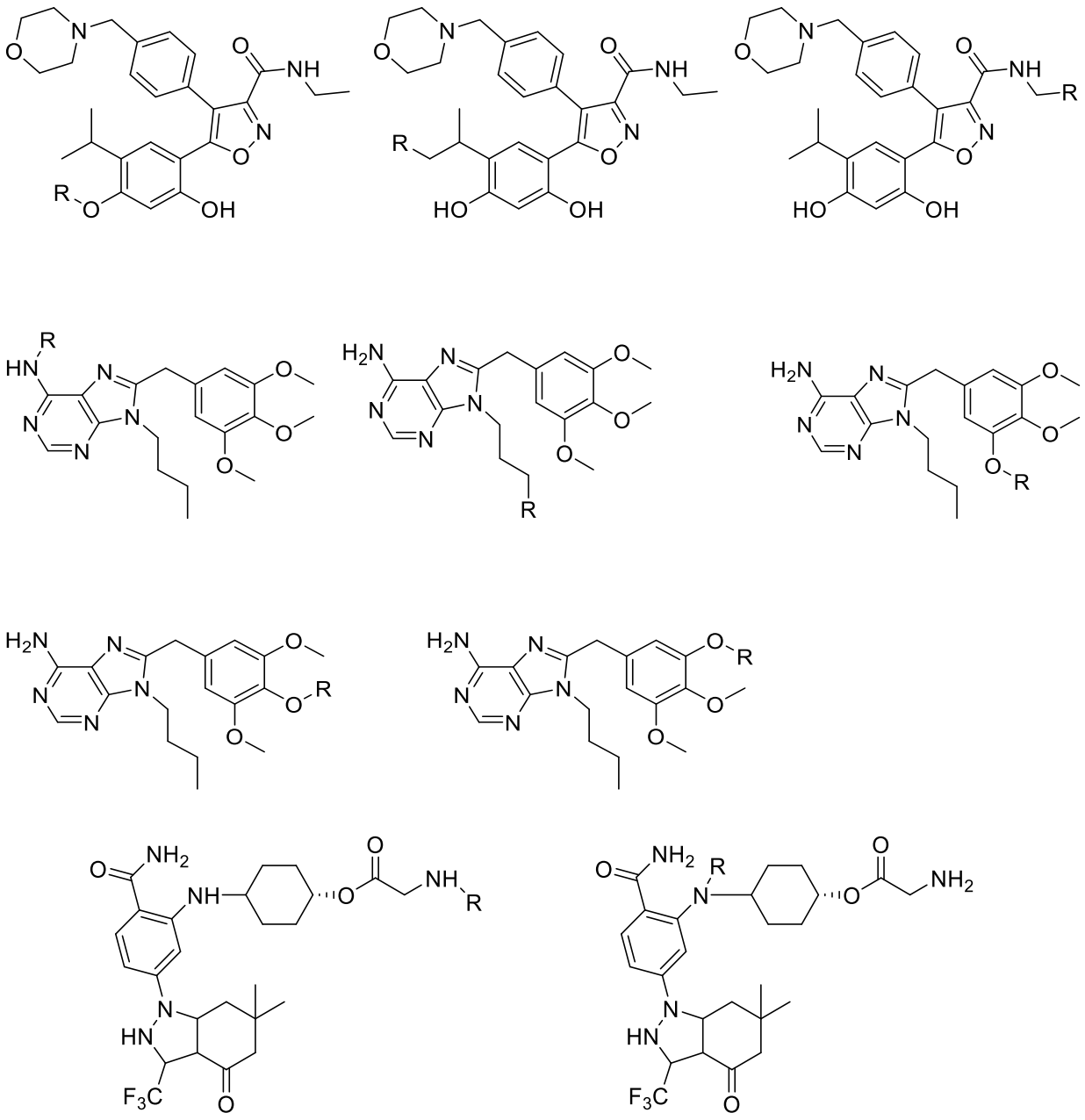


FIG. 1J

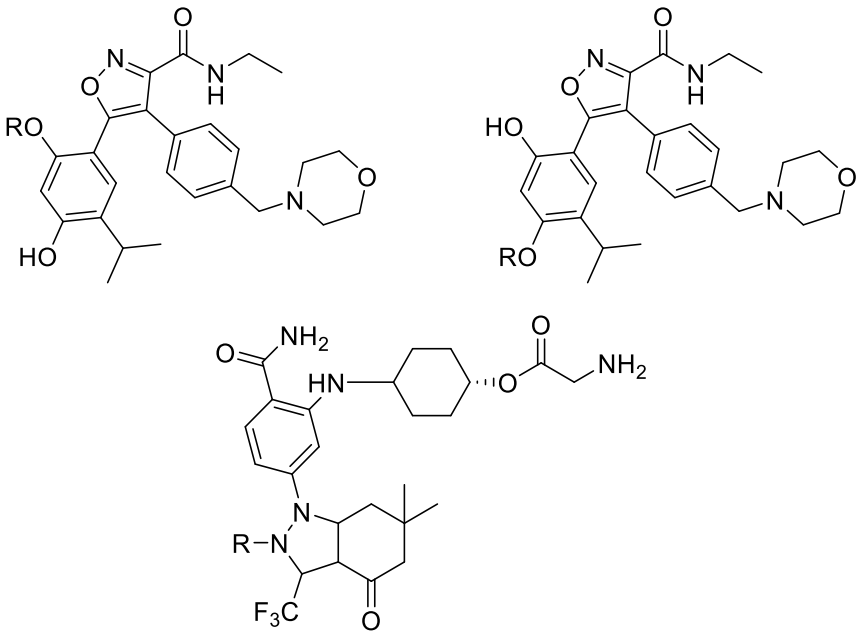


FIG. 1K

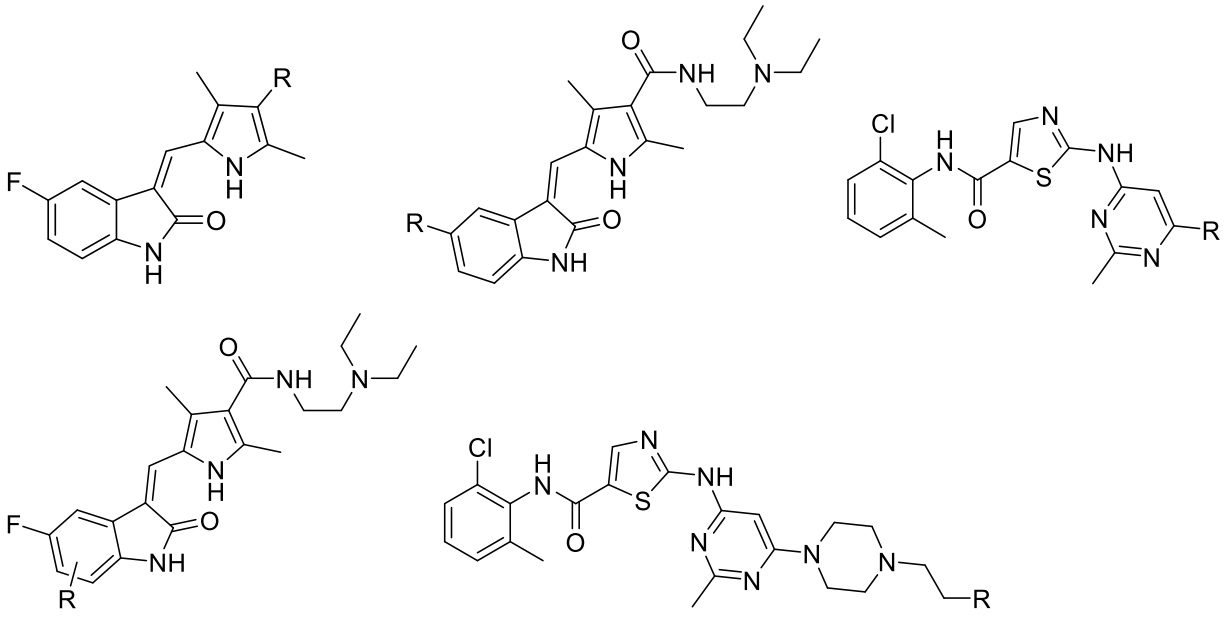


FIG. 1L

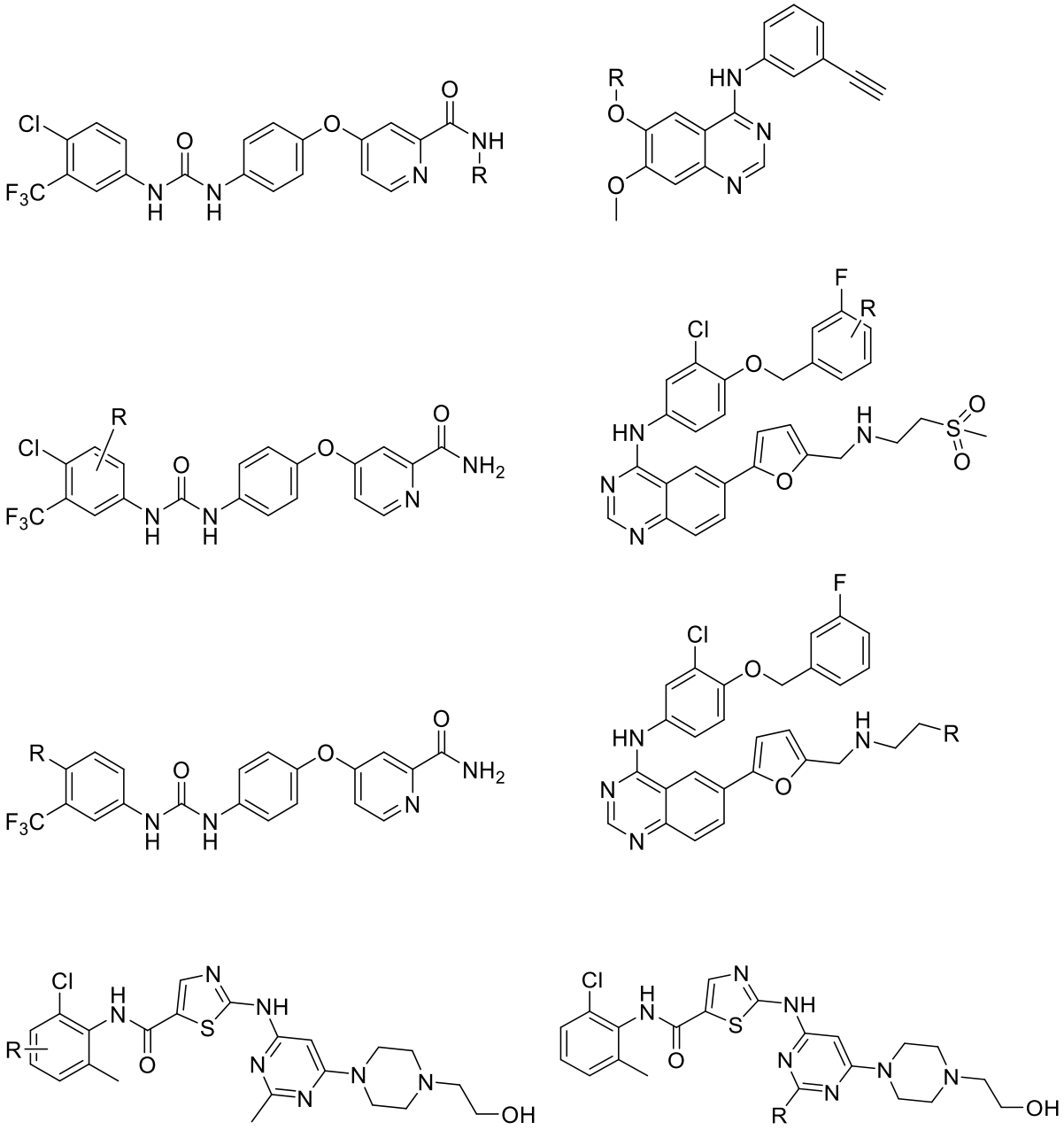
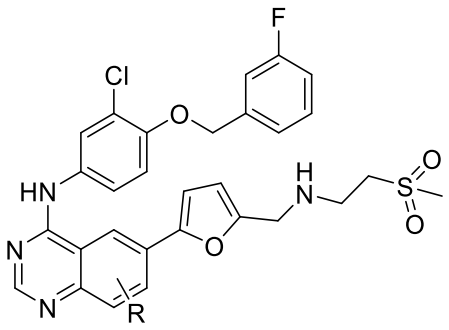
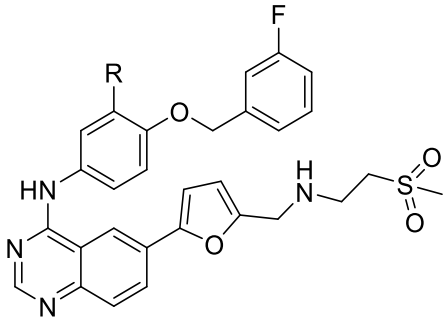
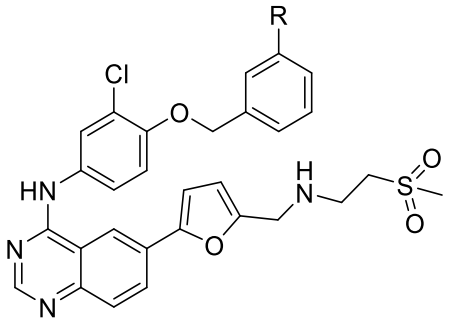
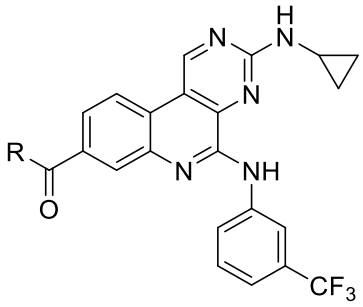


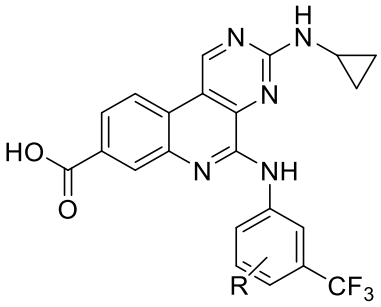
FIG. 1M

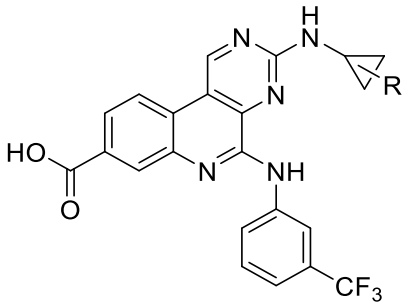


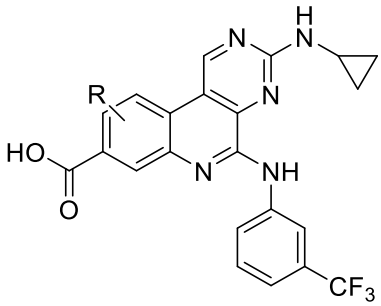


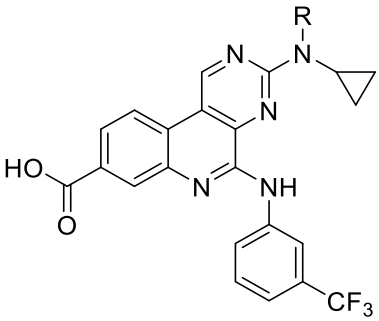


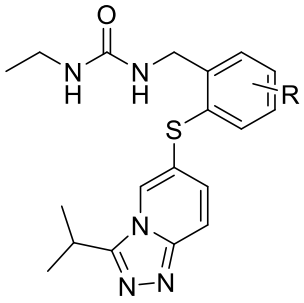


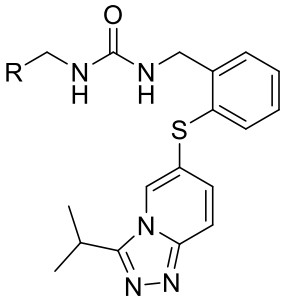


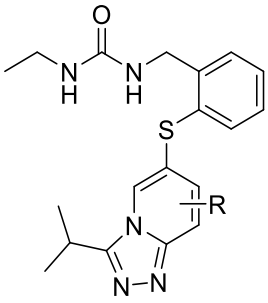












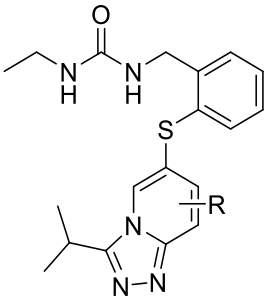


FIG. 1N

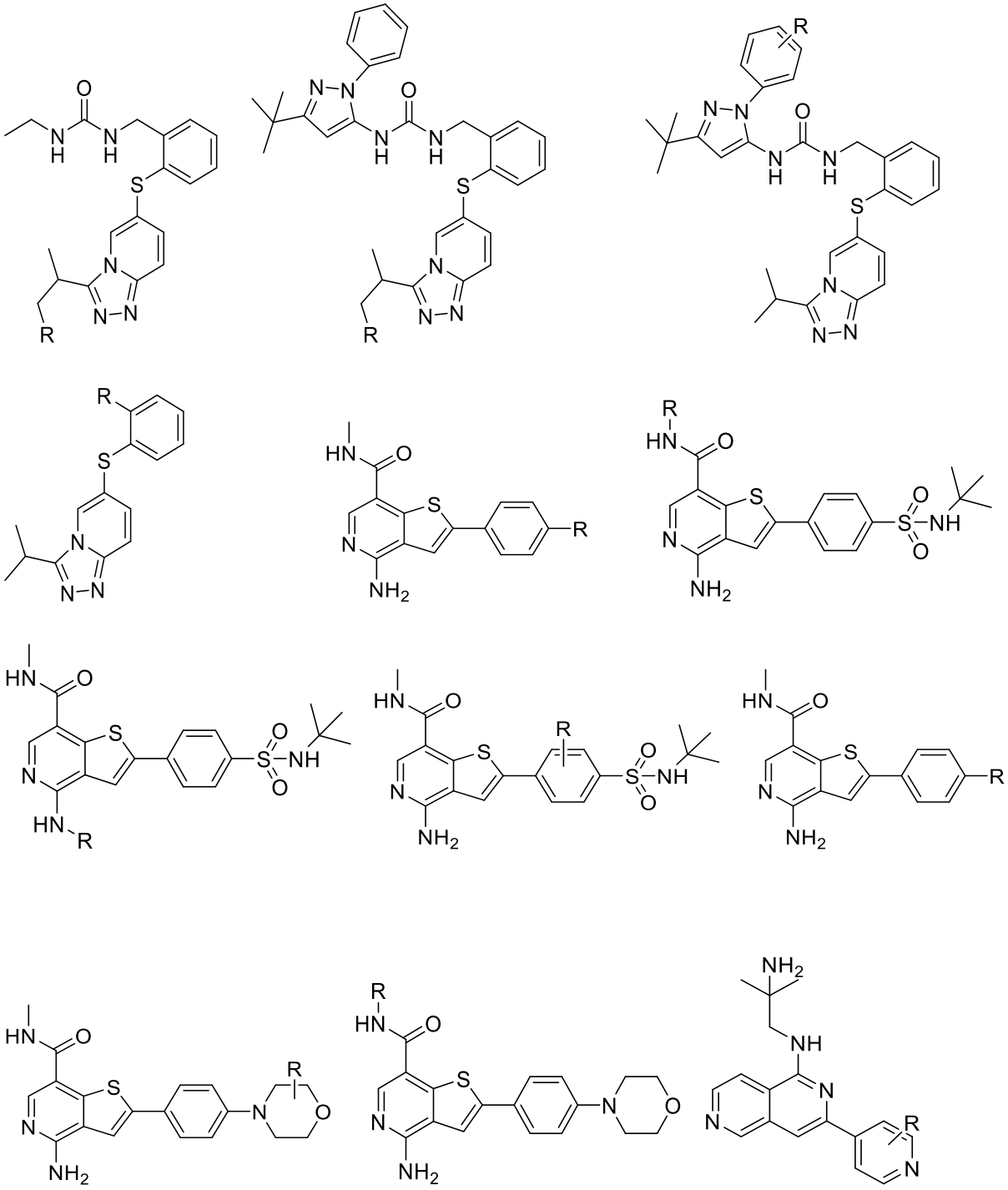


FIG. 1O

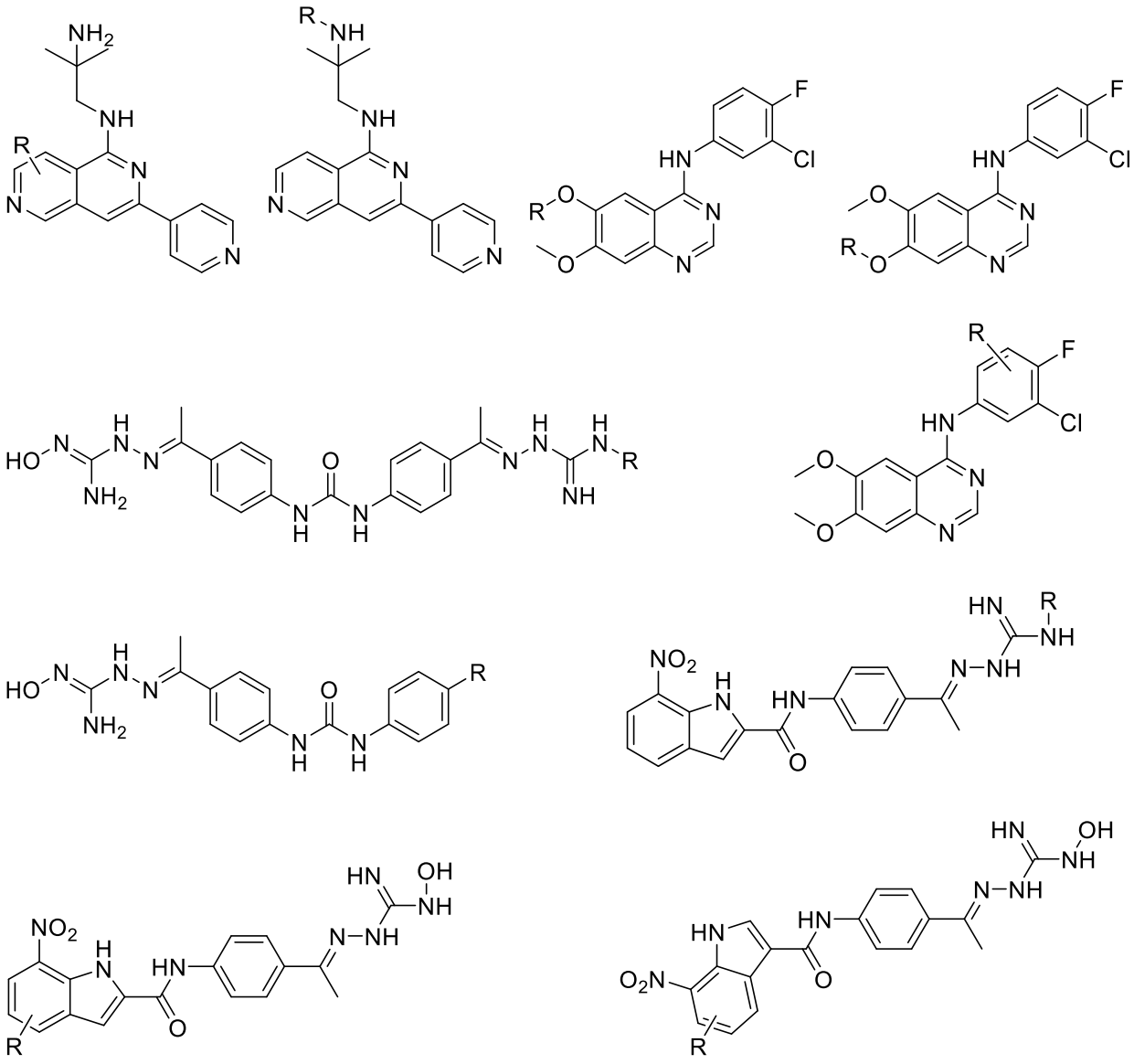


FIG. 1P

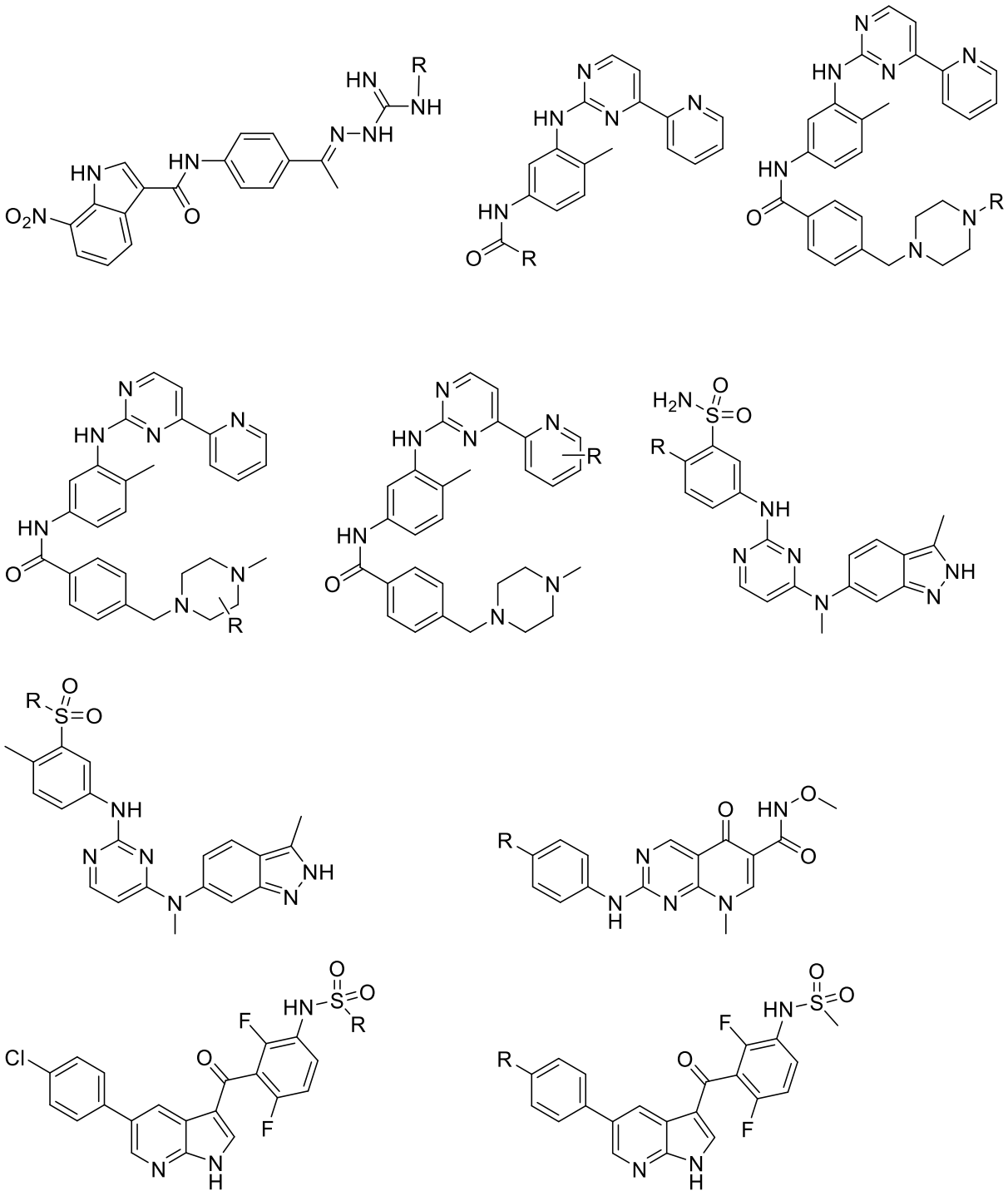


FIG. 1Q

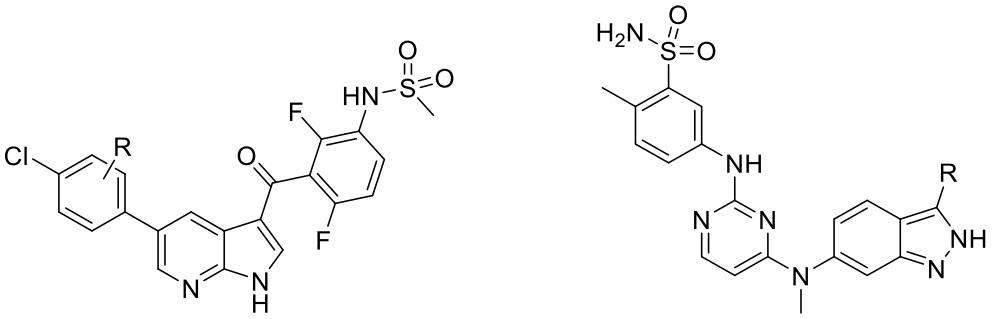


FIG. 1R

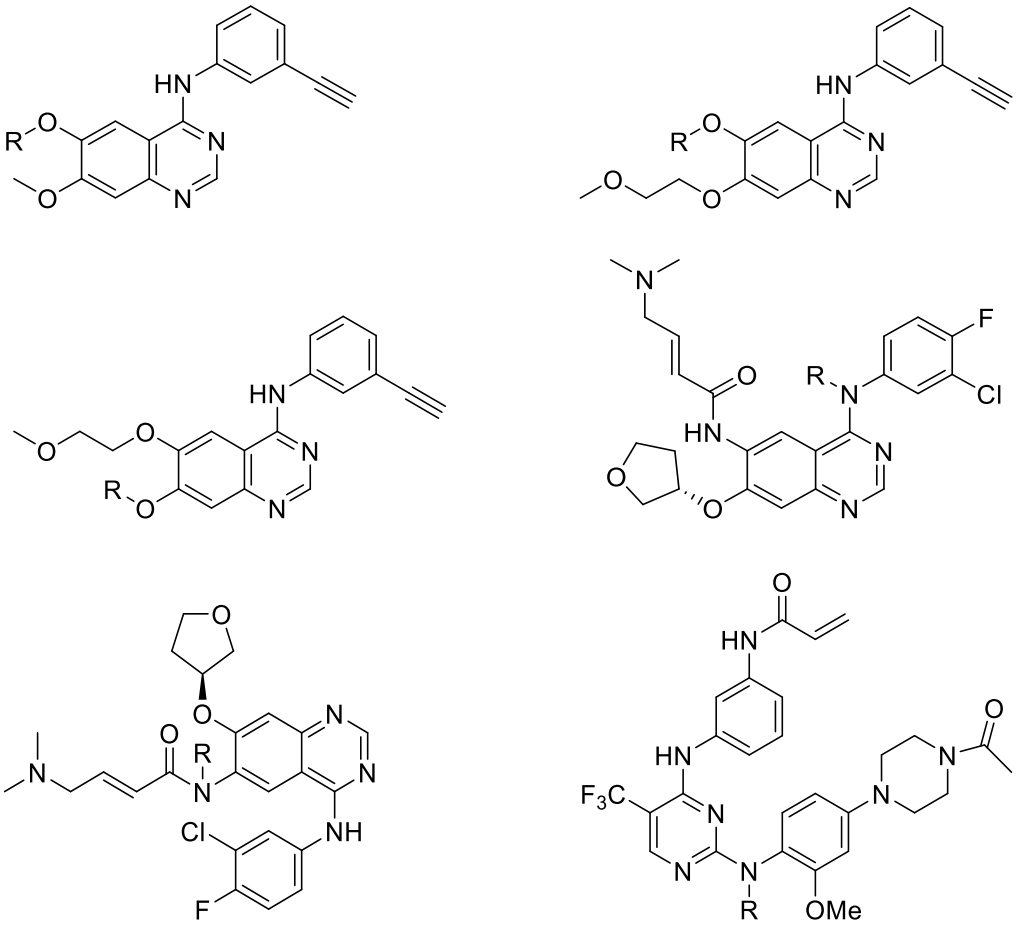


FIG. 1S

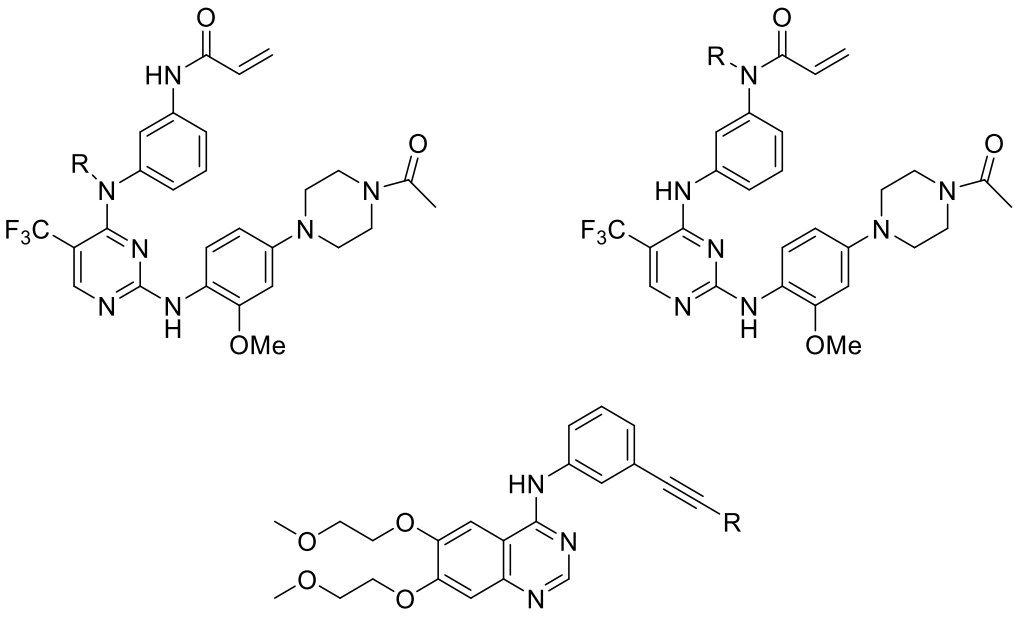


FIG. 1T

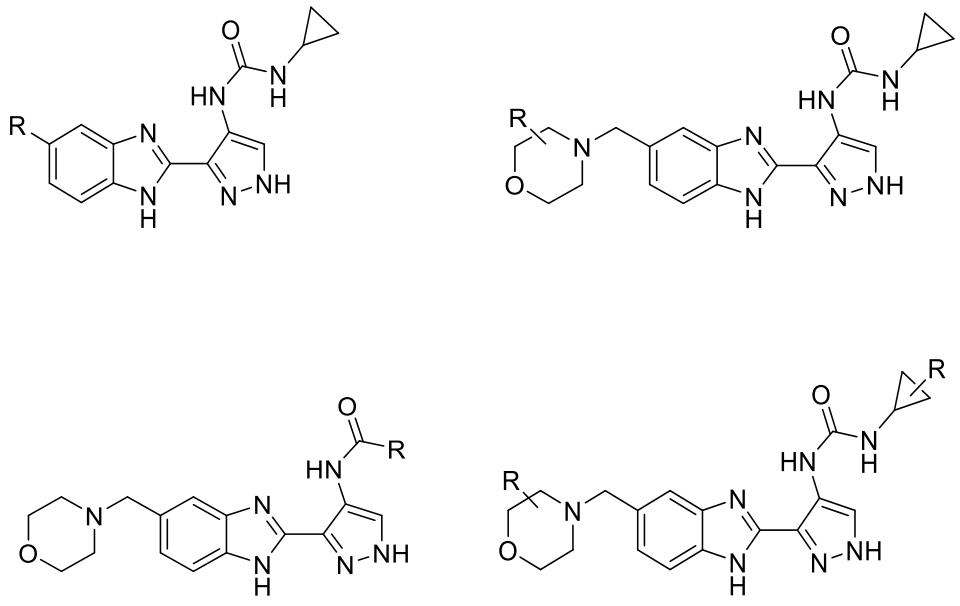
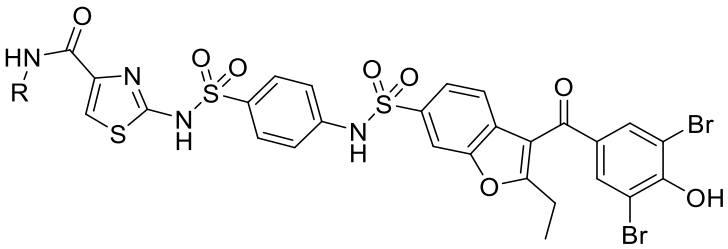
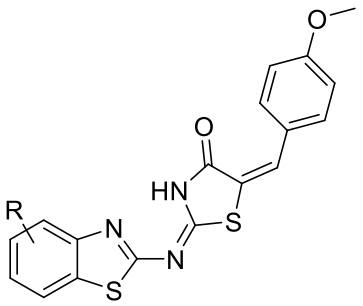
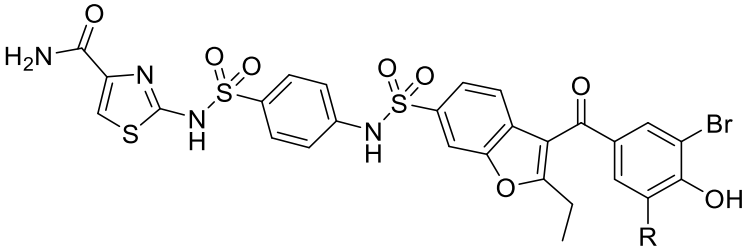
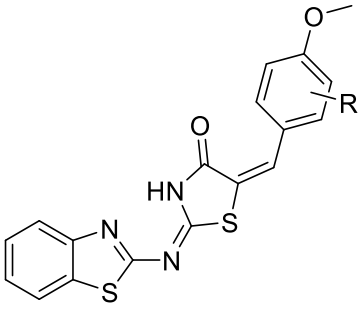


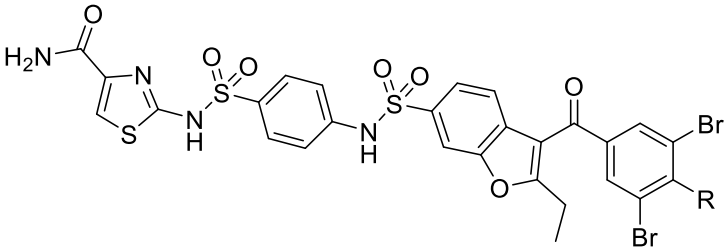
FIG. 1U

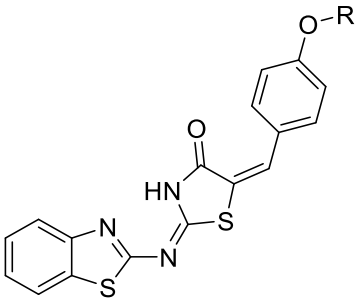












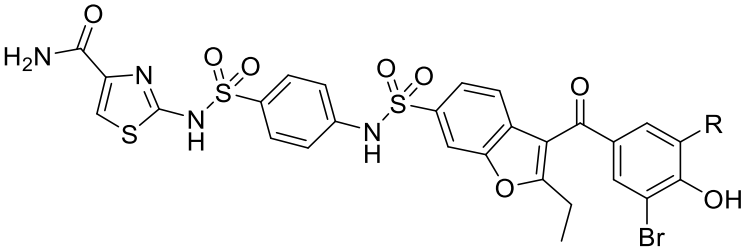


FIG. 1V

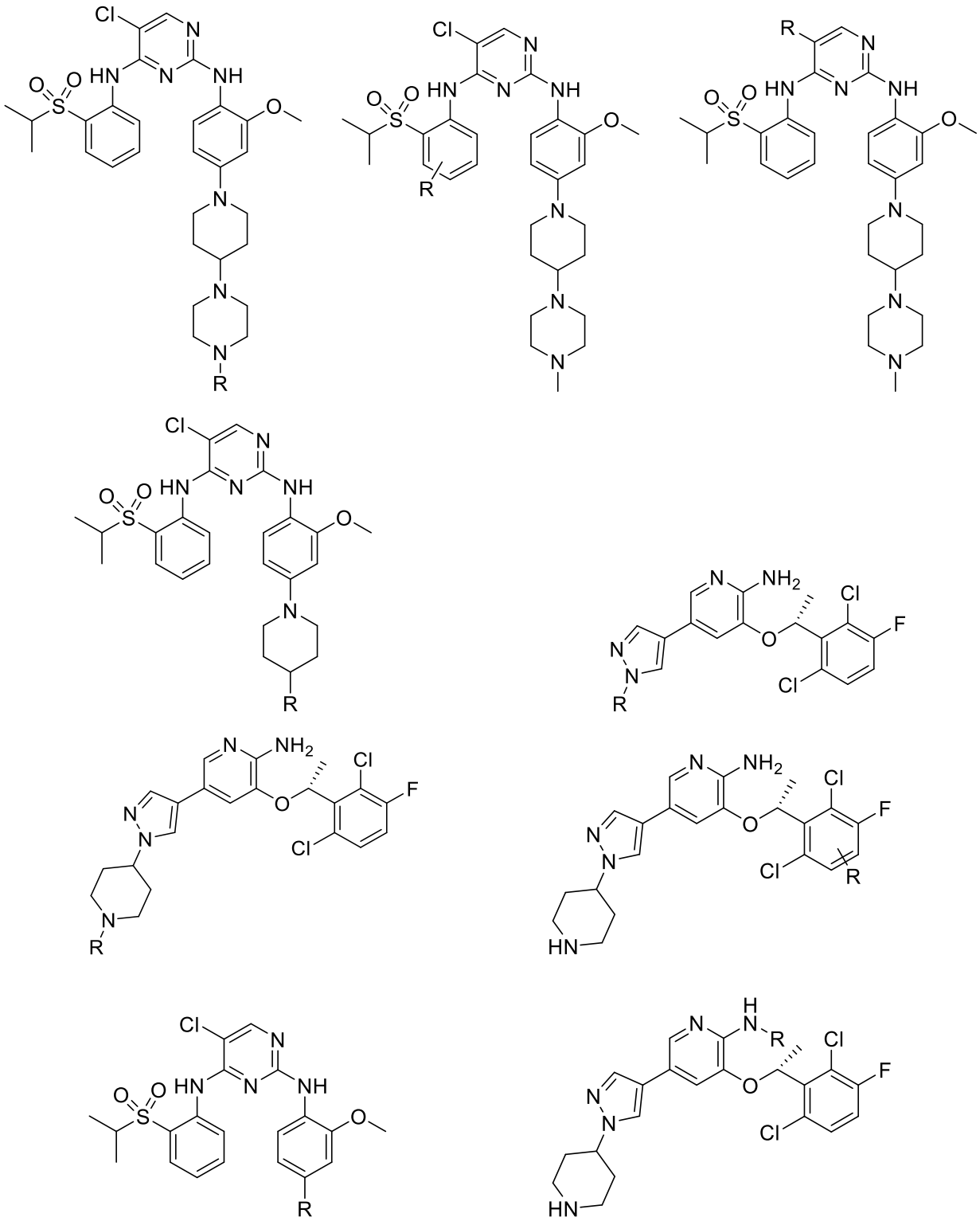


FIG. 1W

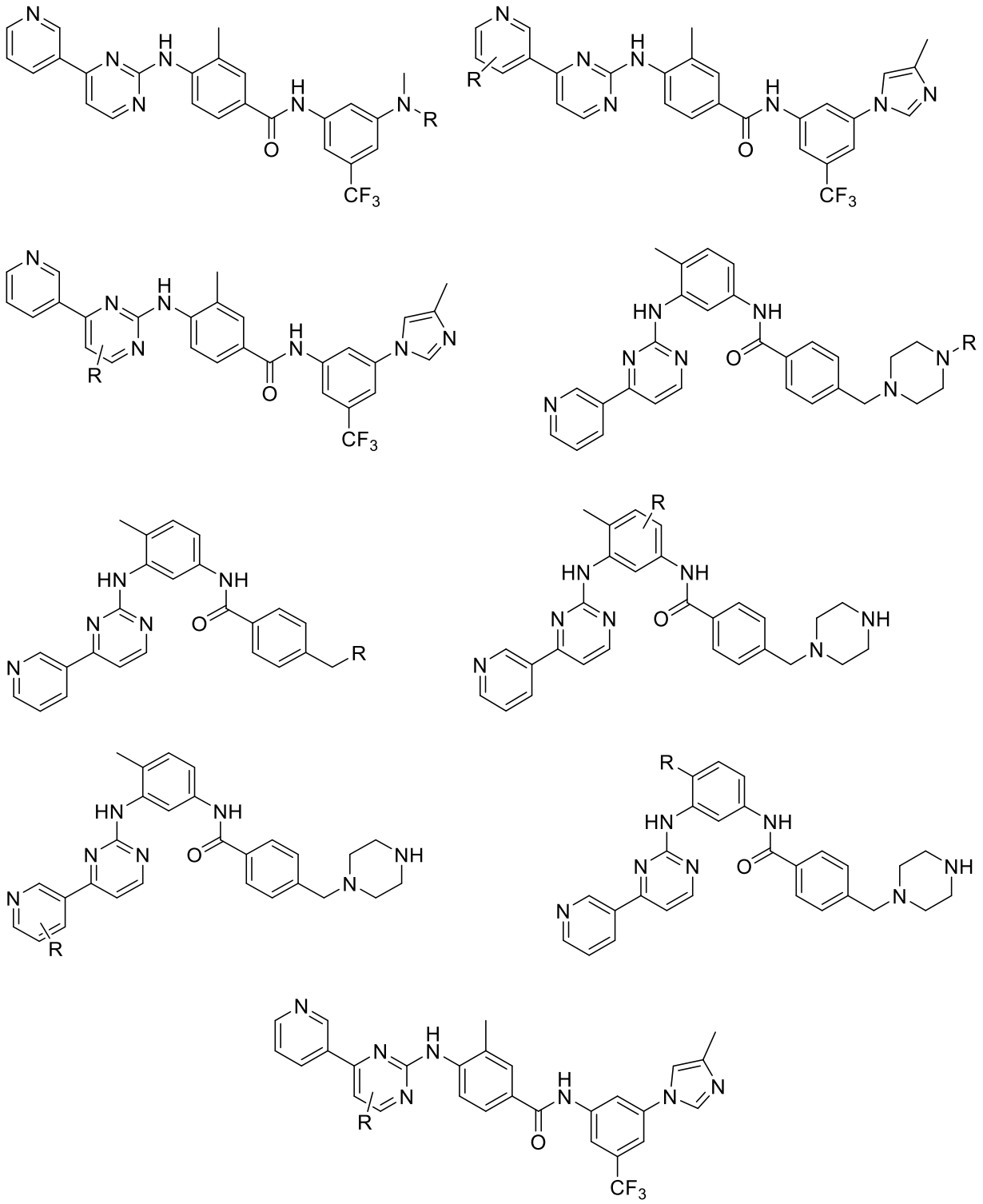


FIG. 1X

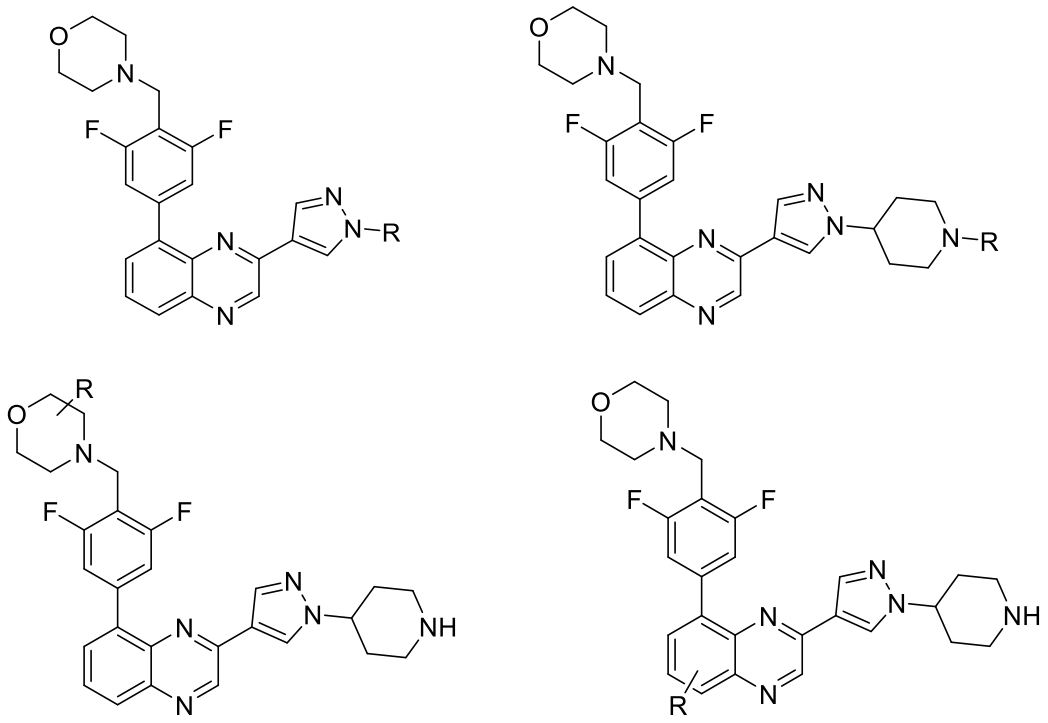


FIG. 1Y

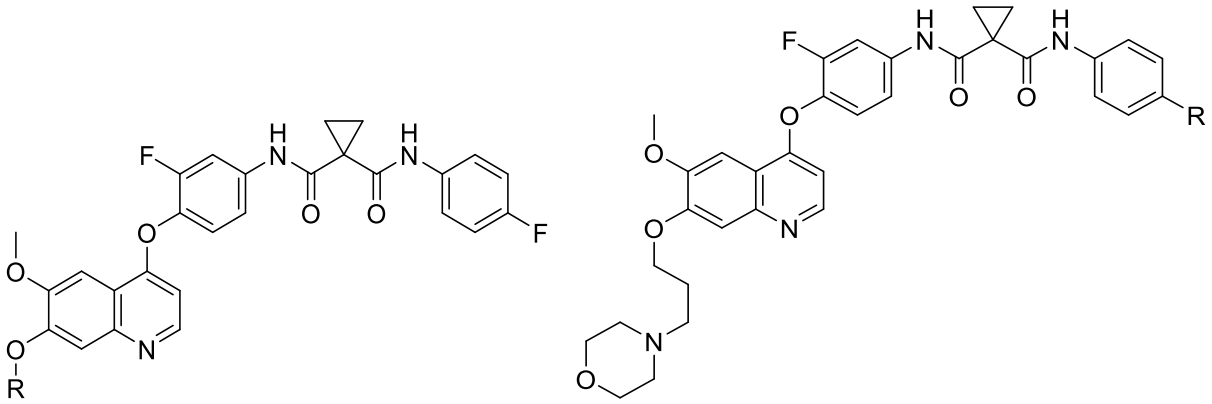


FIG. 1Z

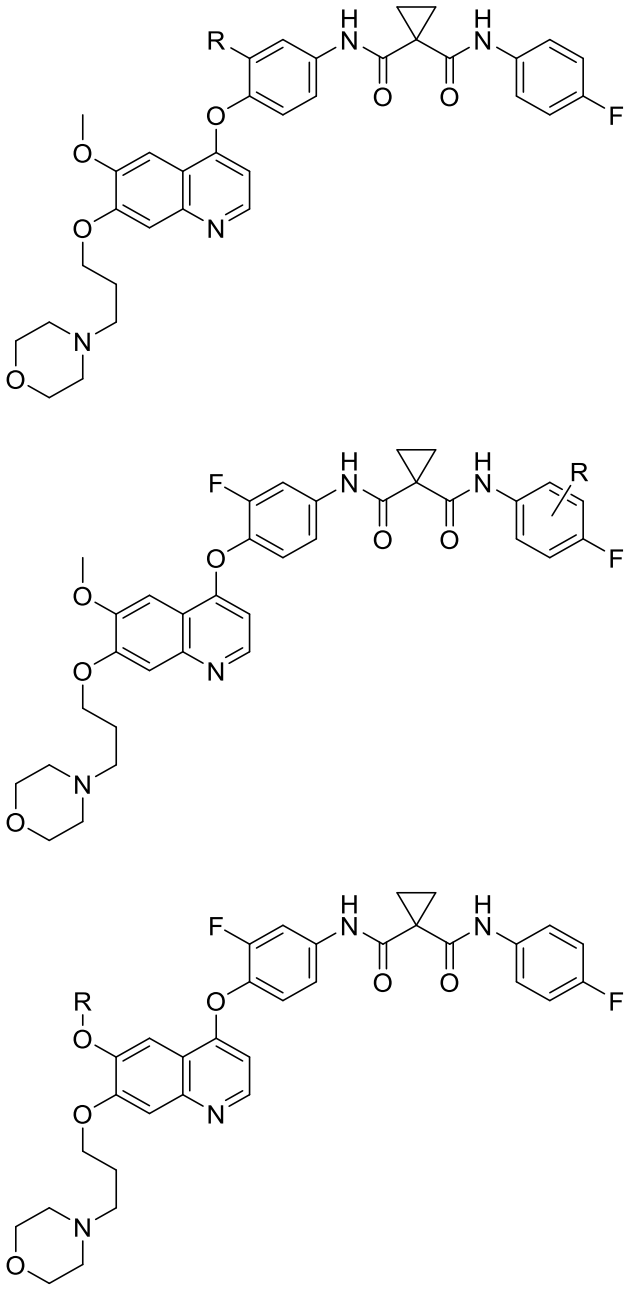


FIG. 1AA

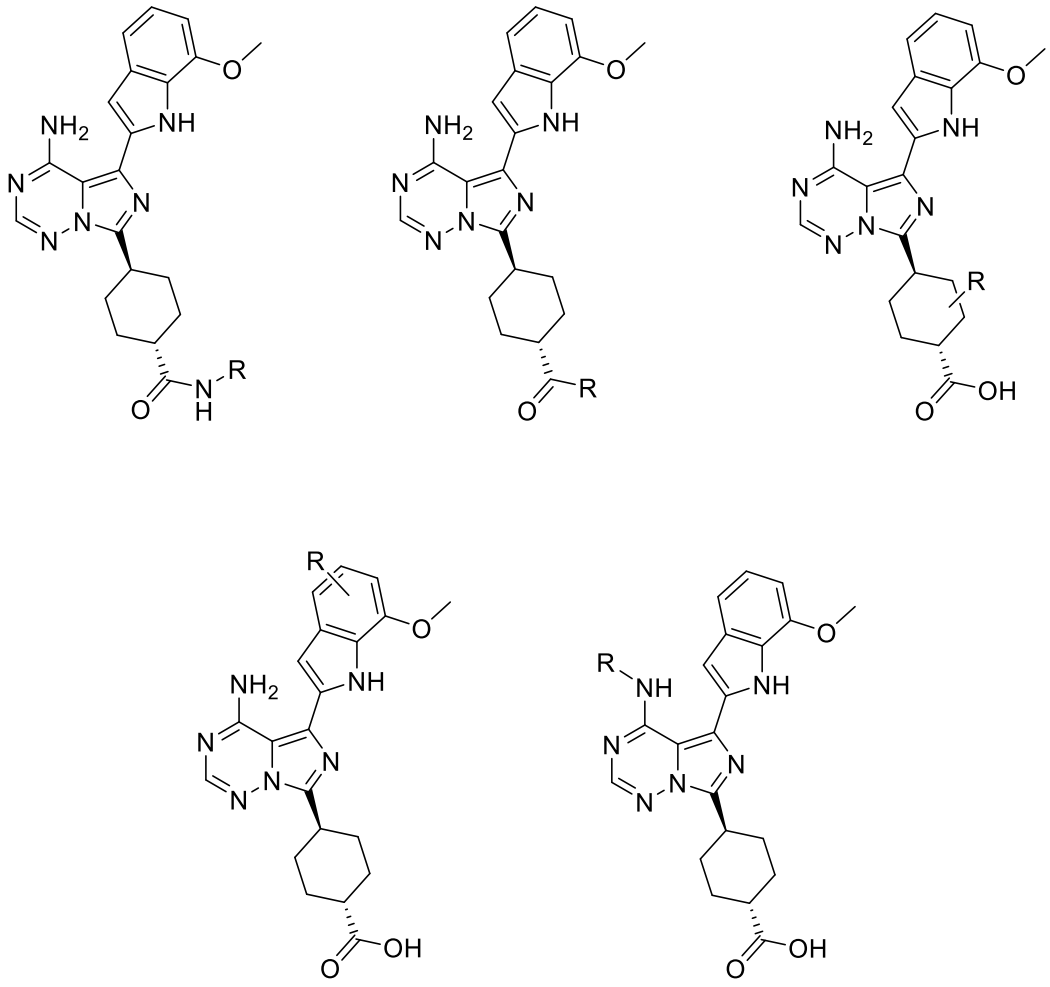


FIG. 1BB

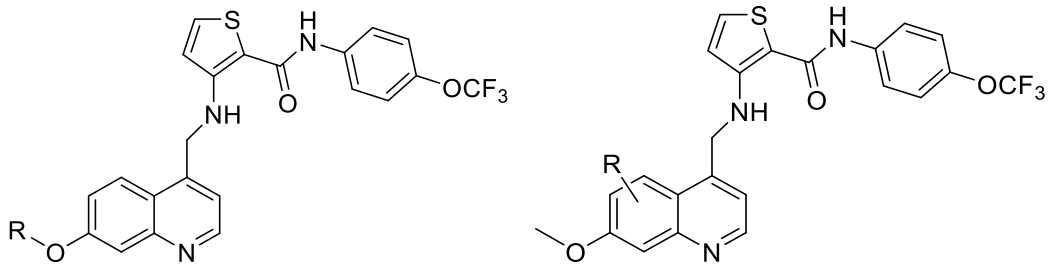
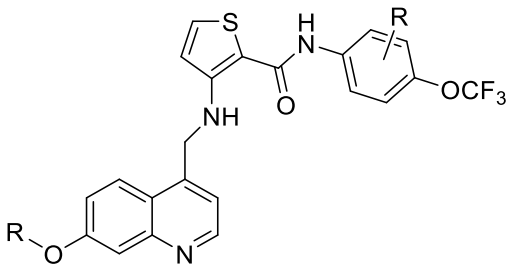


FIG. 1CC



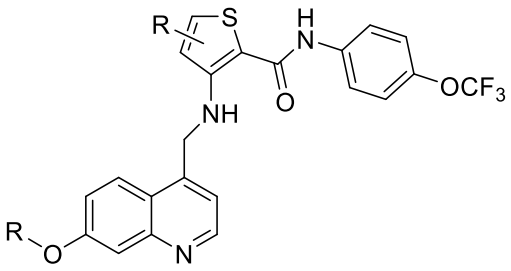
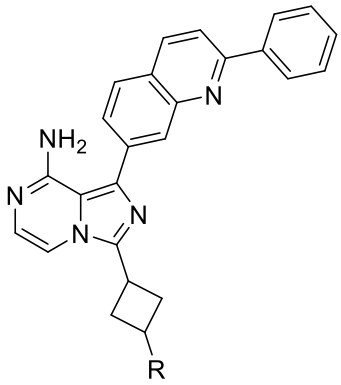
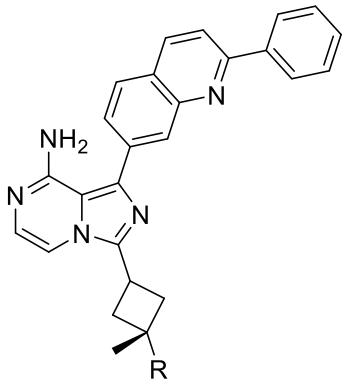
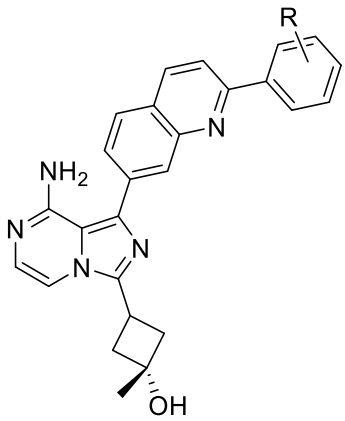
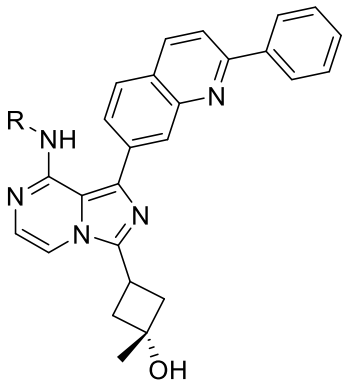


FIG. 1DD









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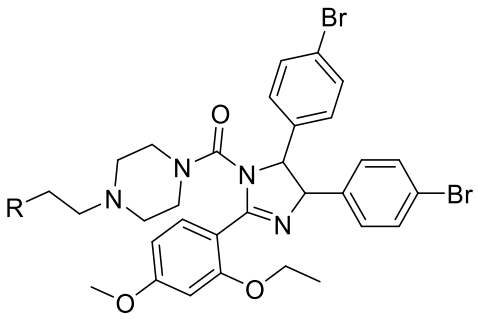
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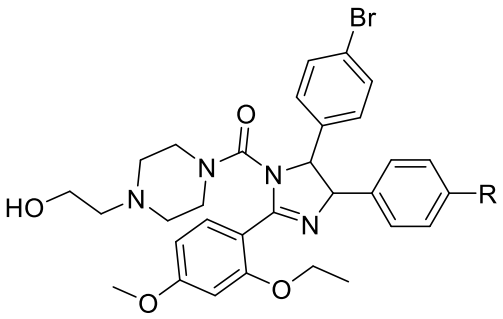
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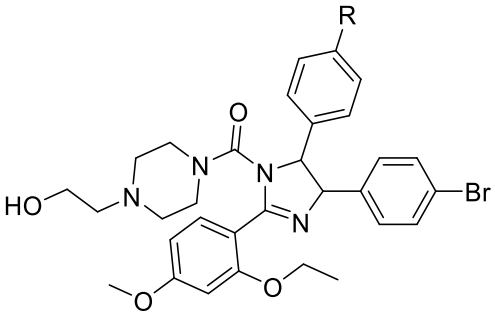
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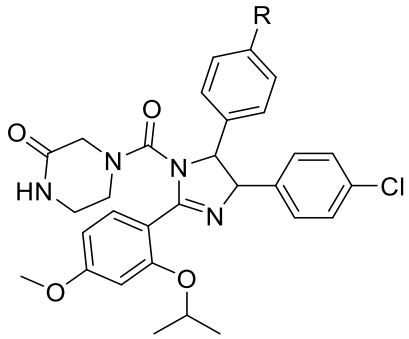
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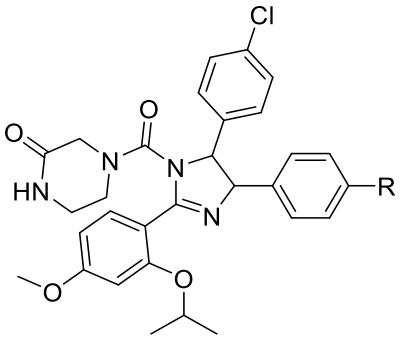
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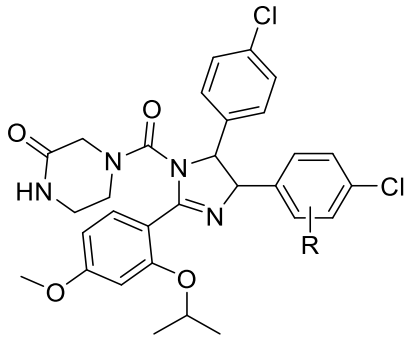
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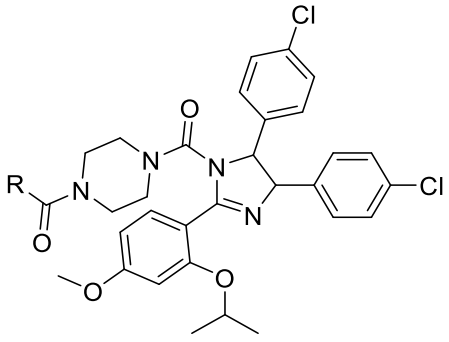
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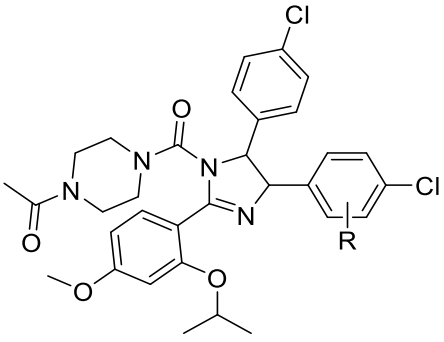
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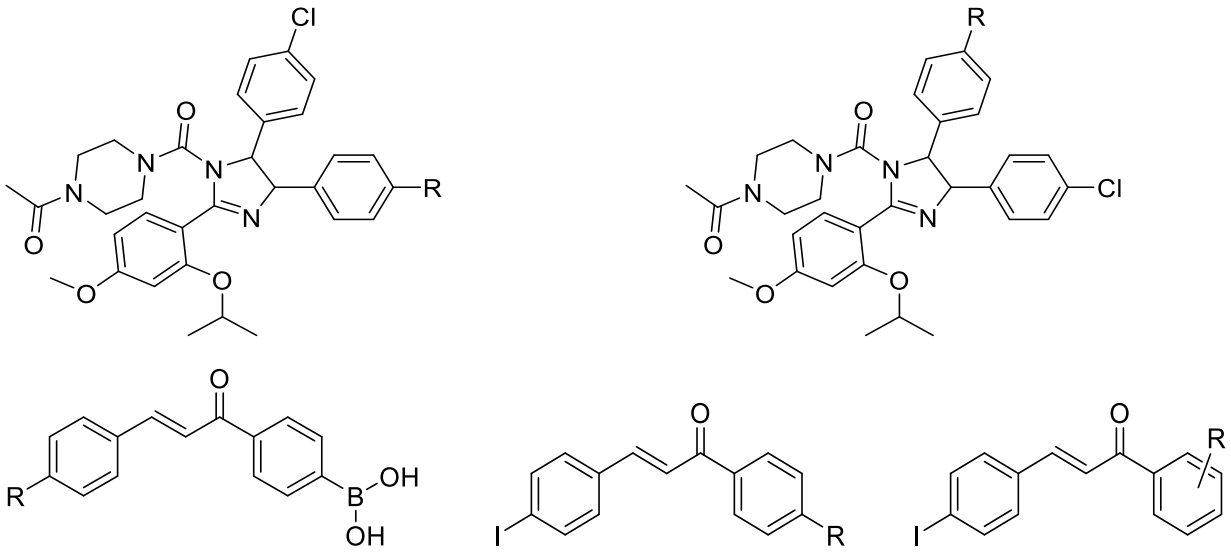
FIG. 1FF



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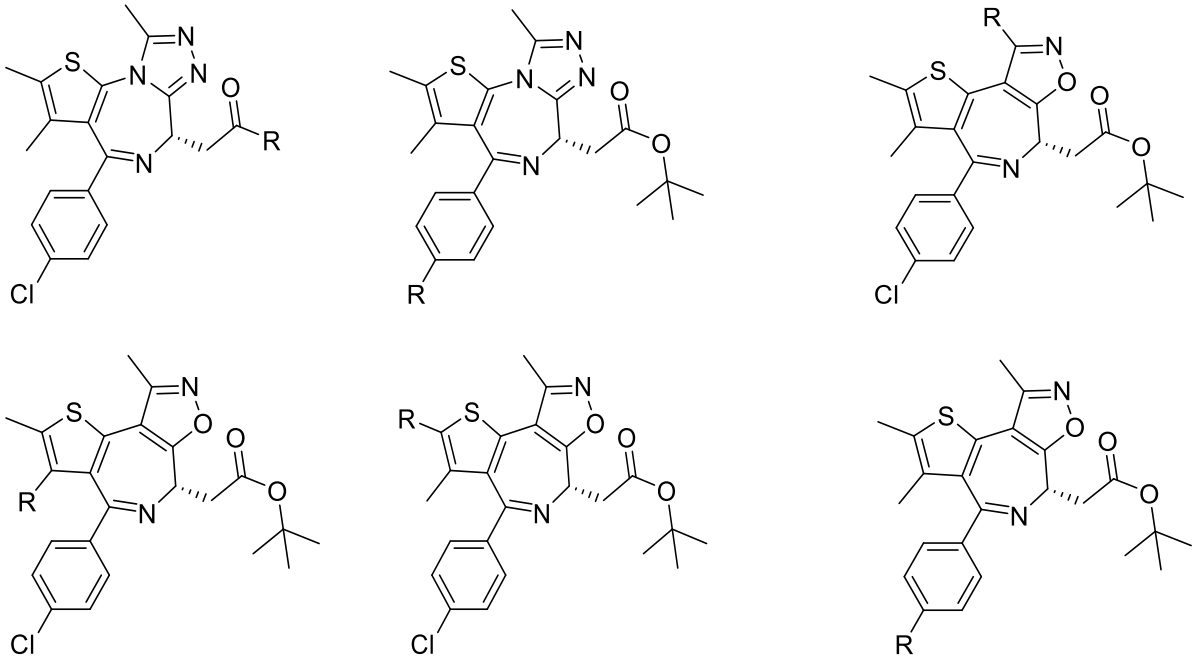

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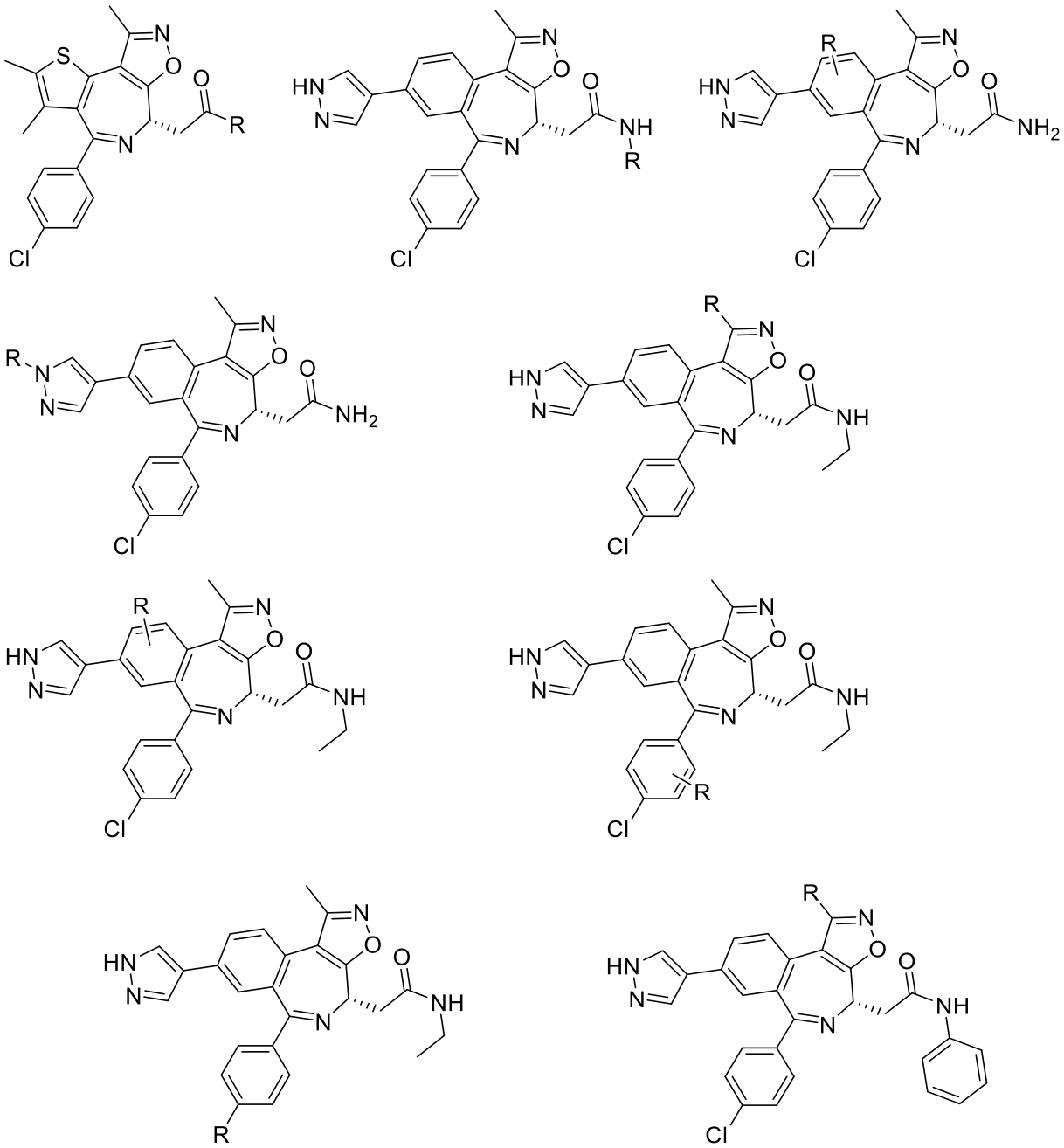


FIG. 1II

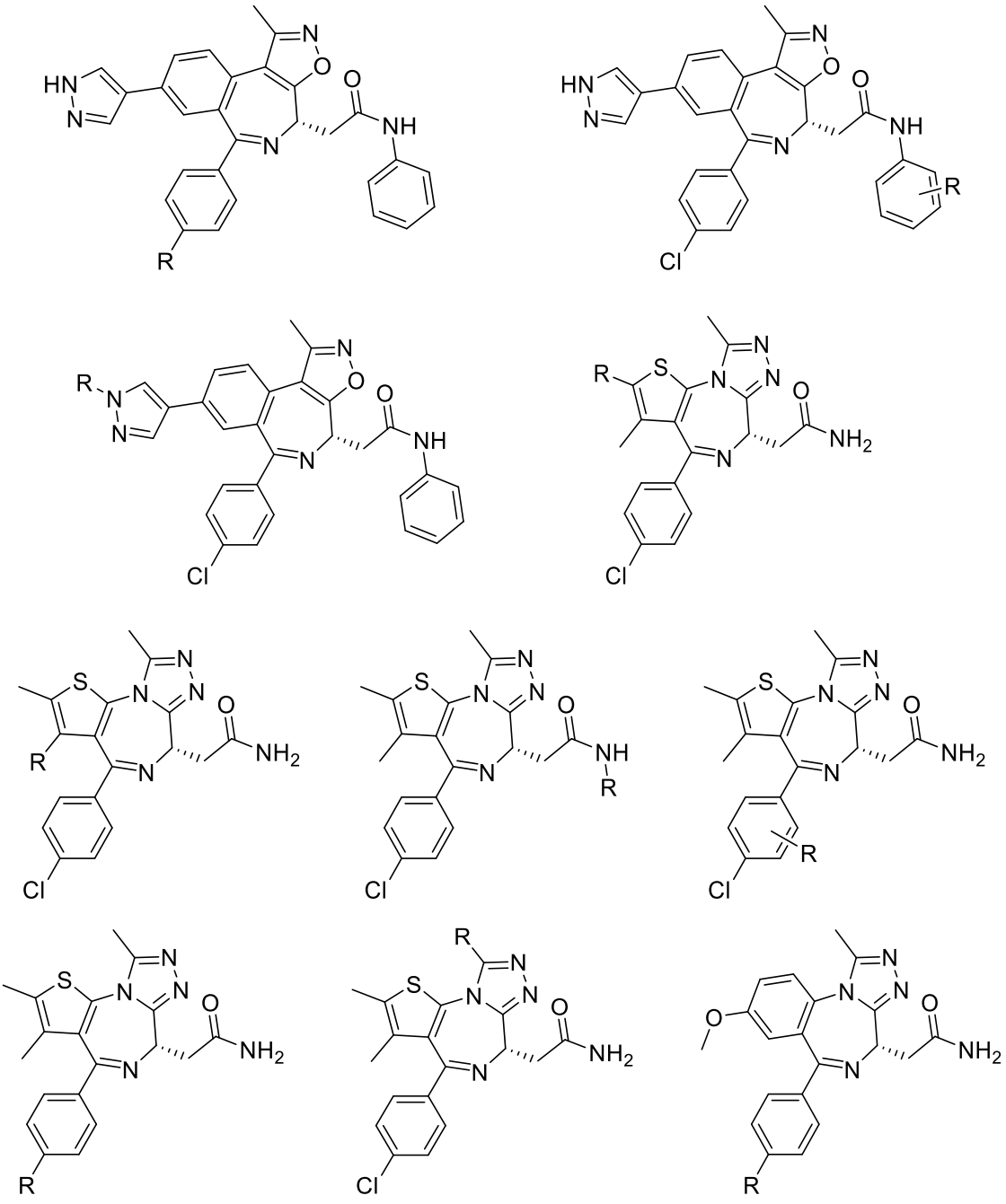
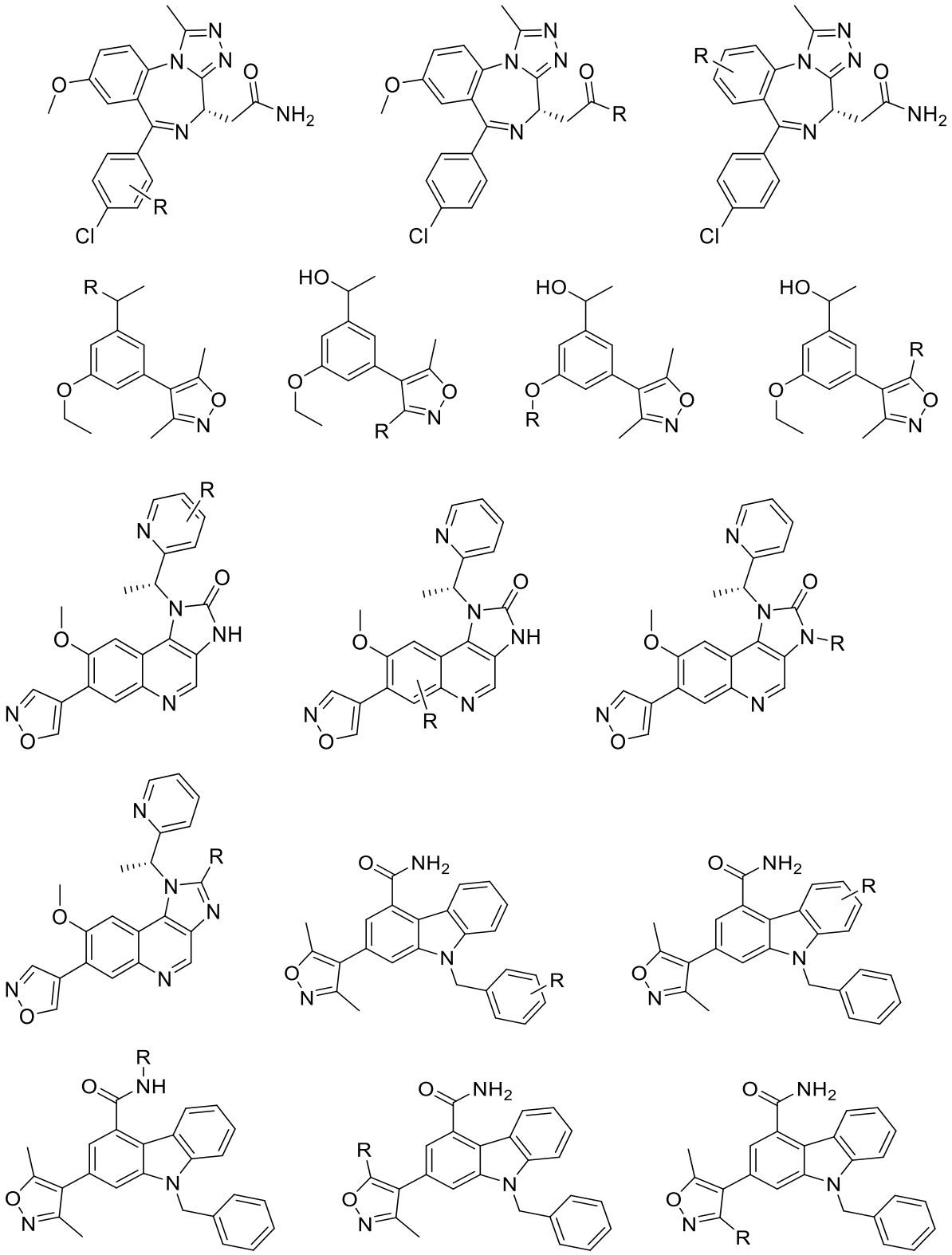


FIG. 1JJ



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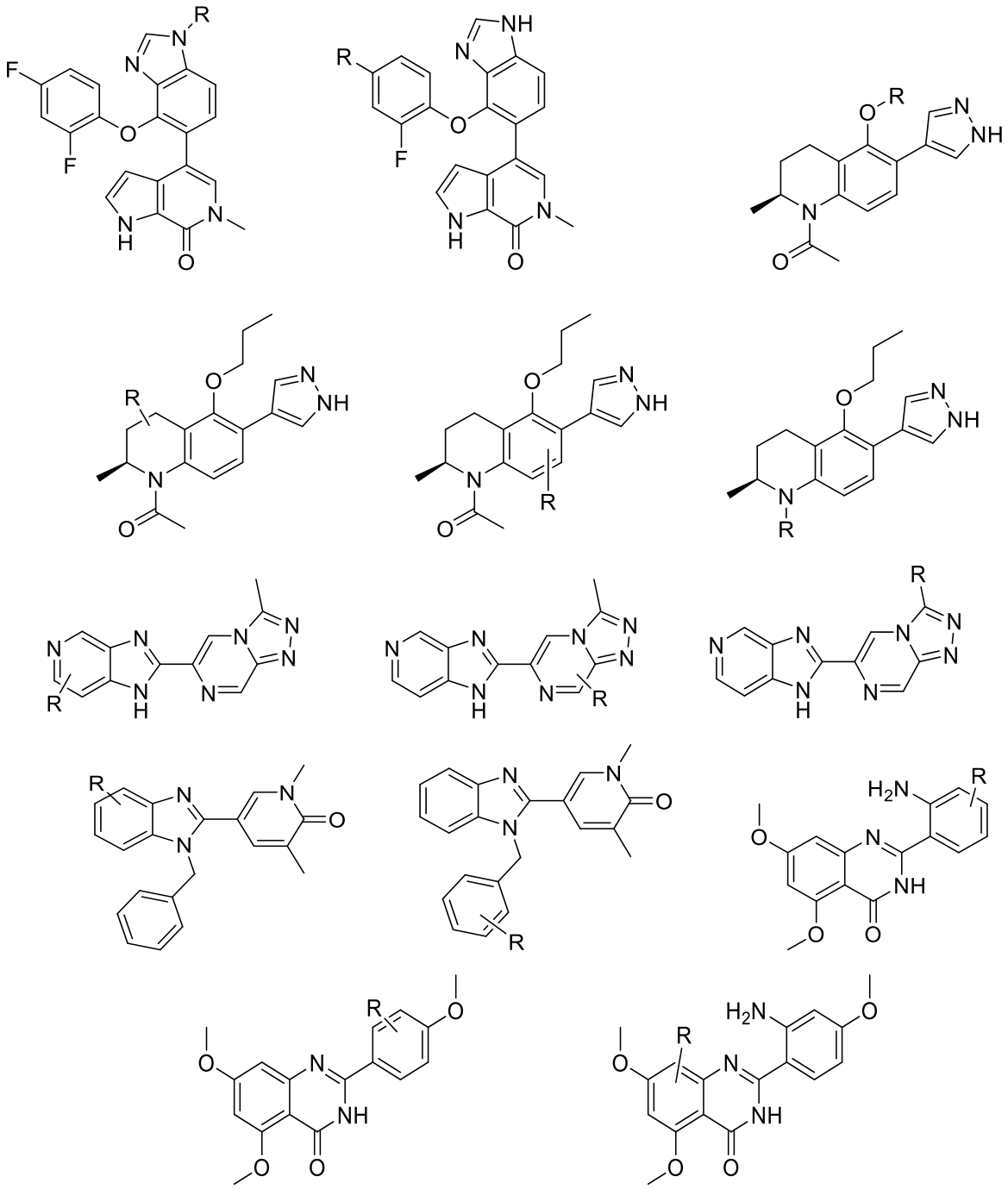

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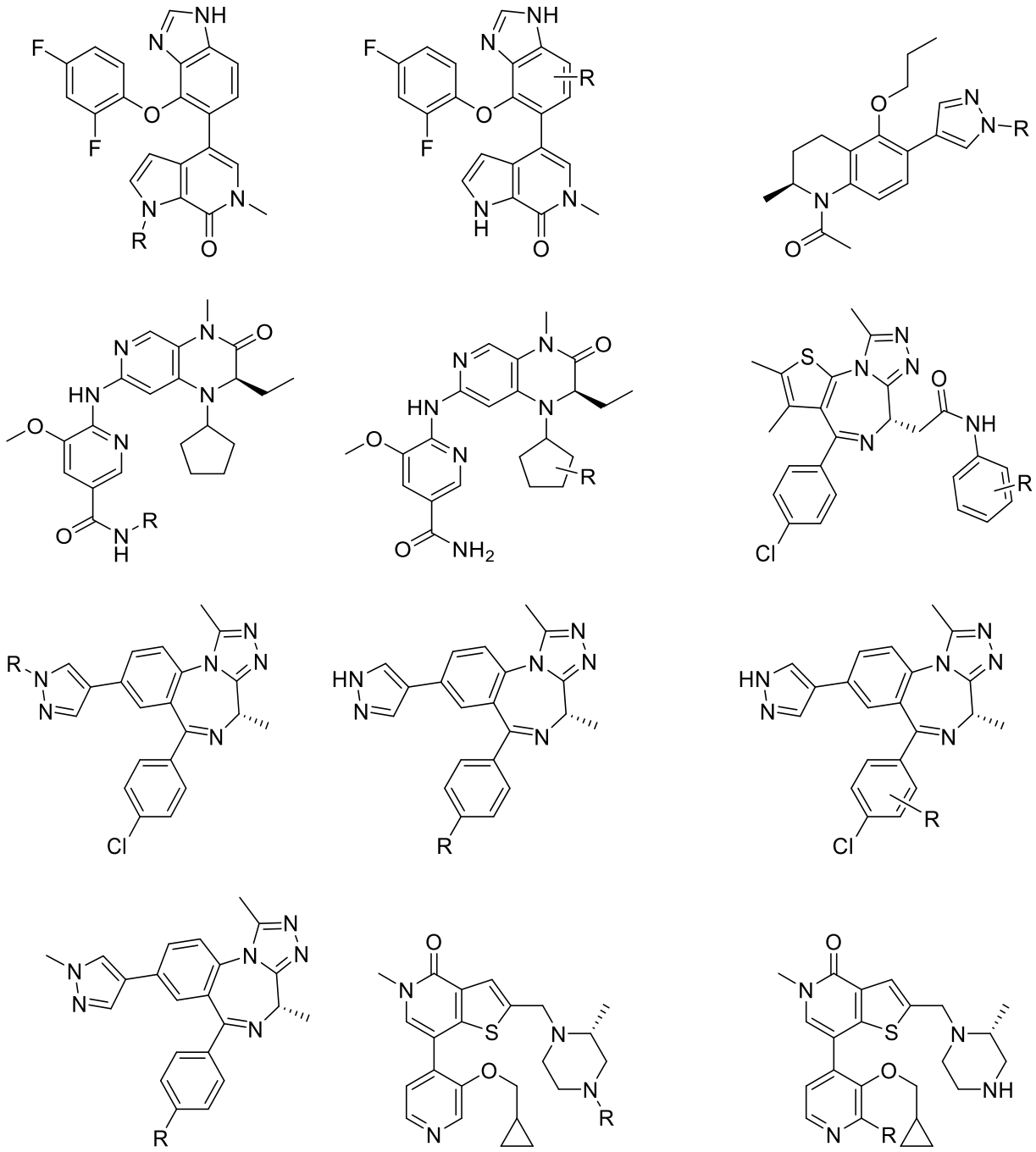
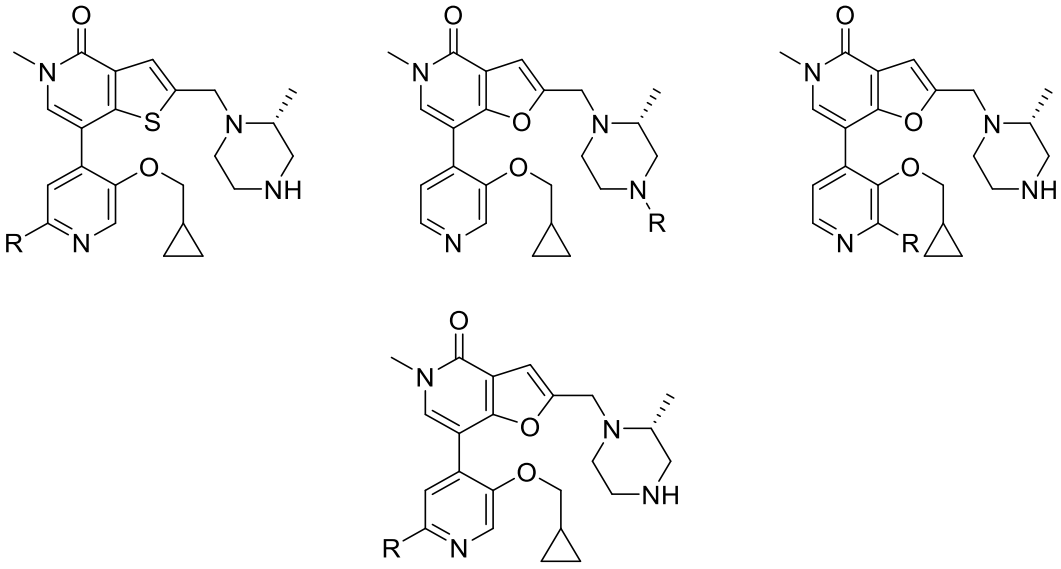


FIG. 1MM



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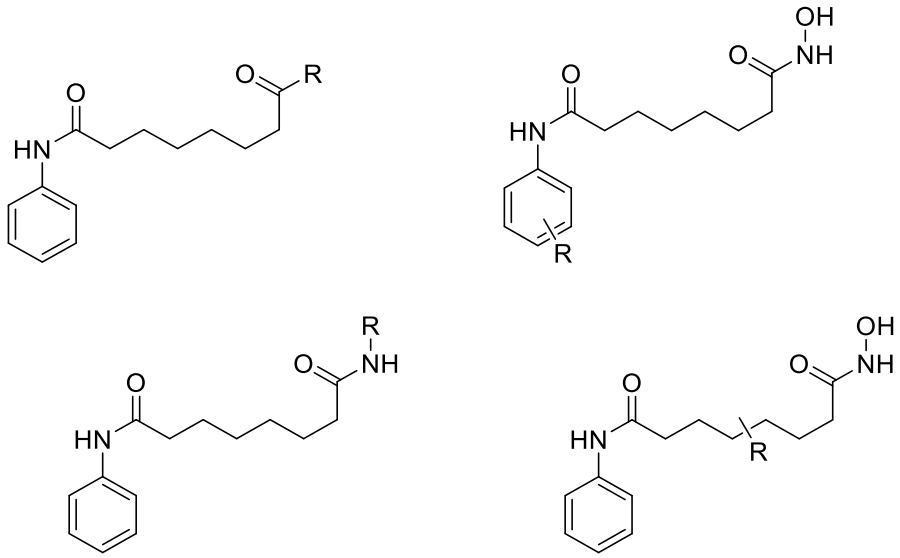

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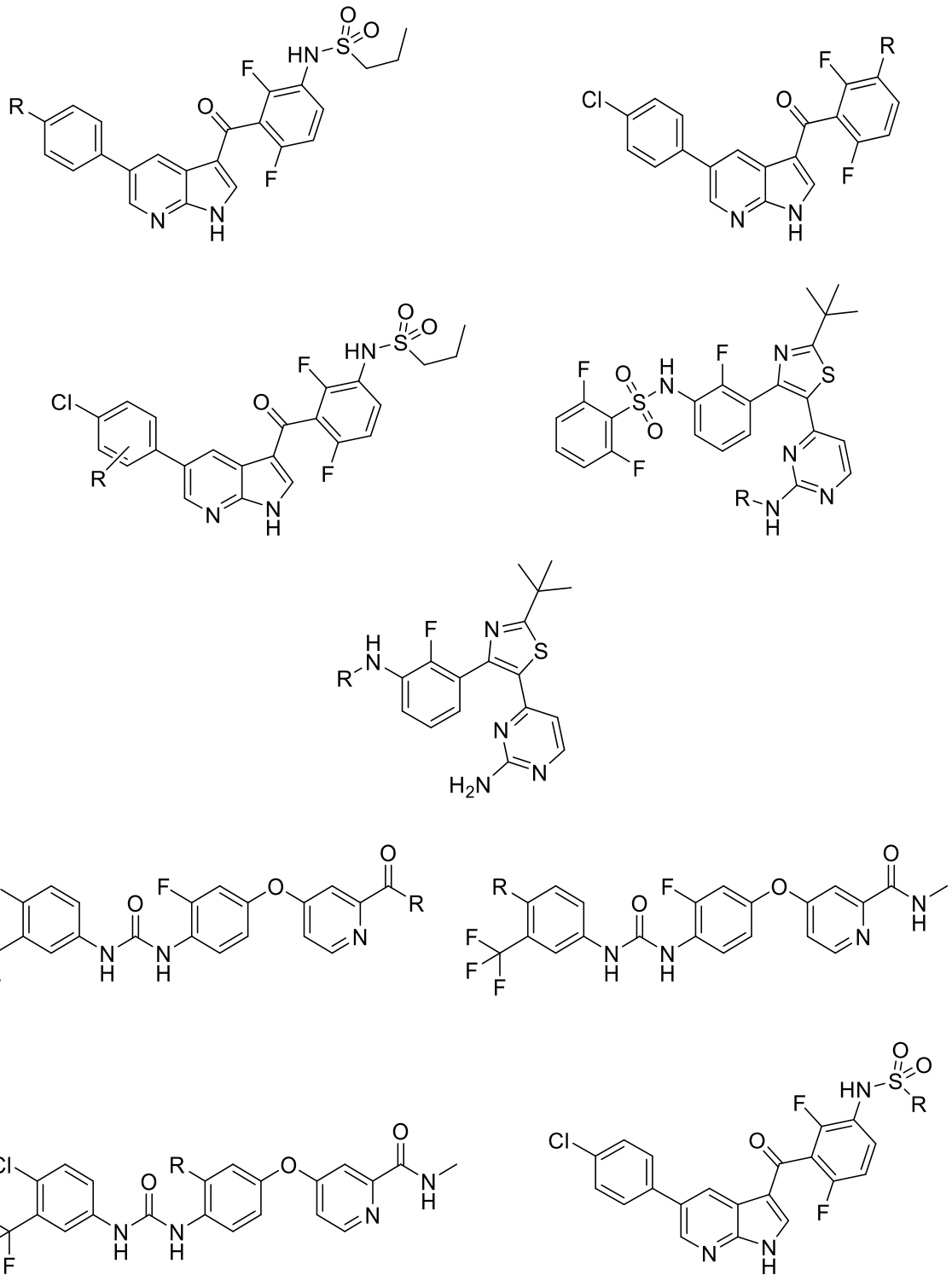
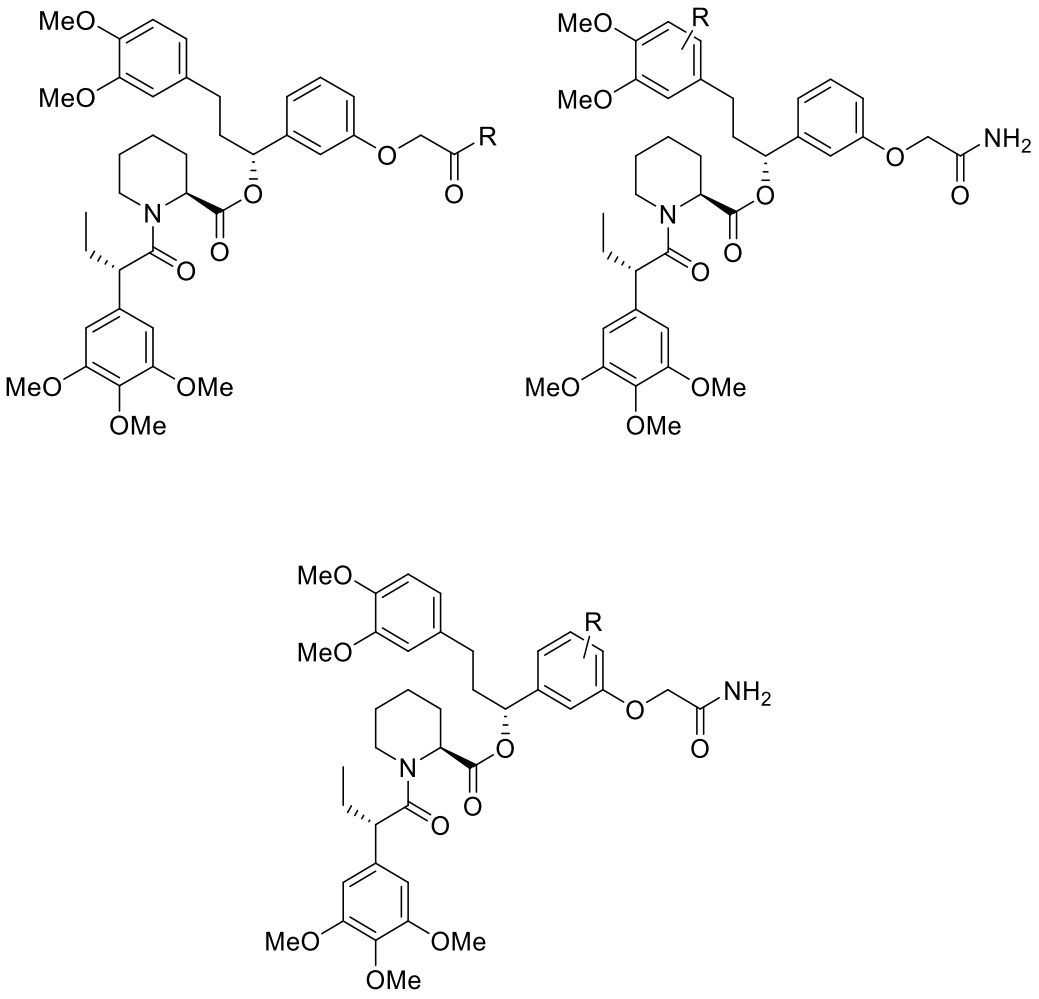


FIG. 1PP



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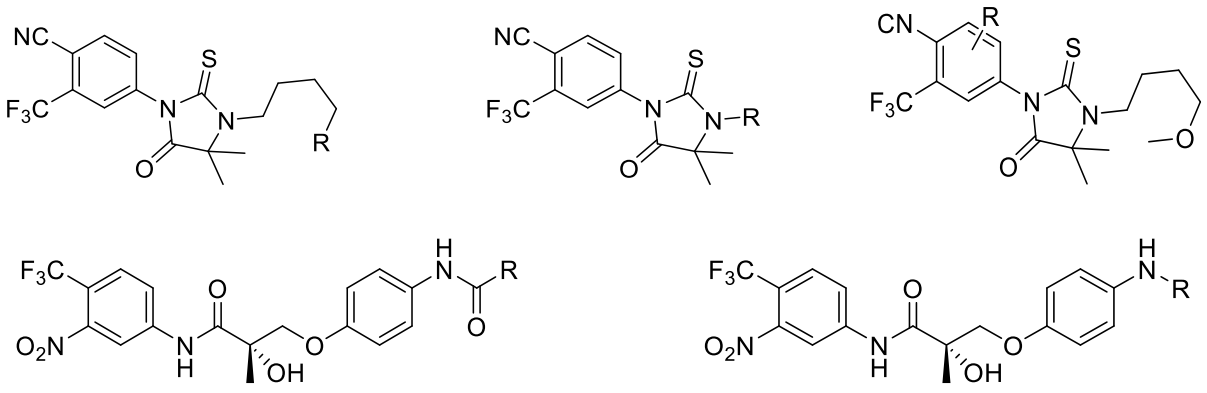

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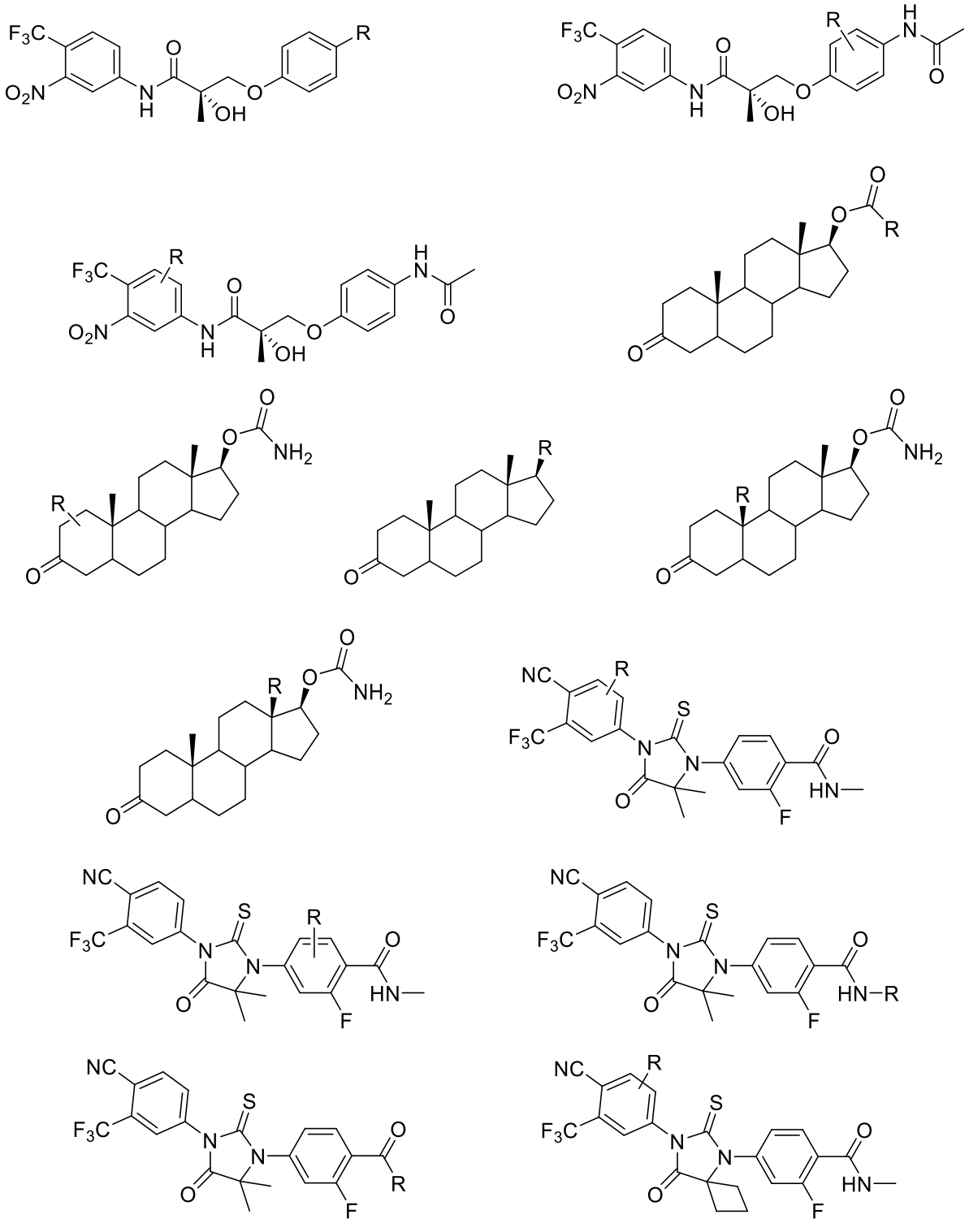

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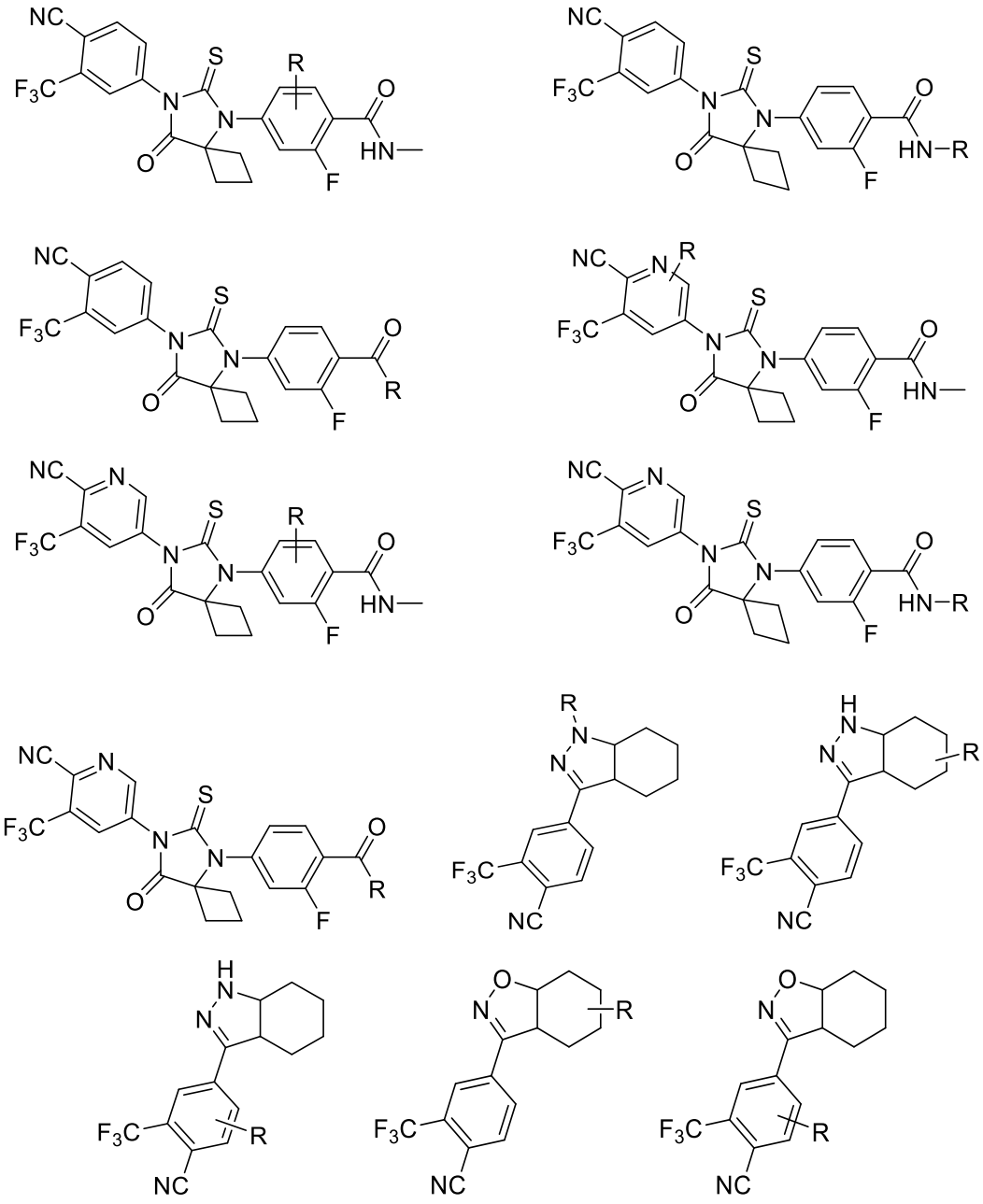

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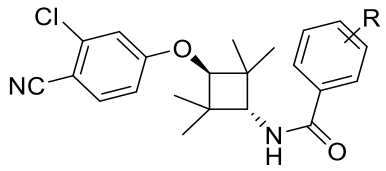


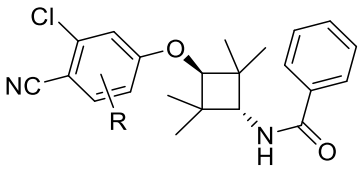
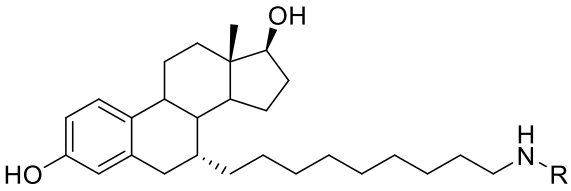
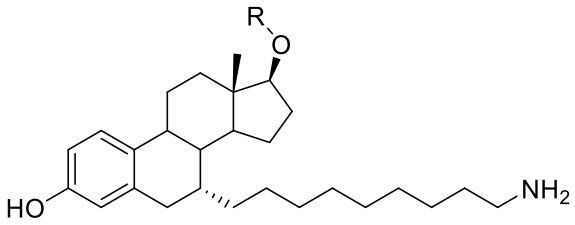
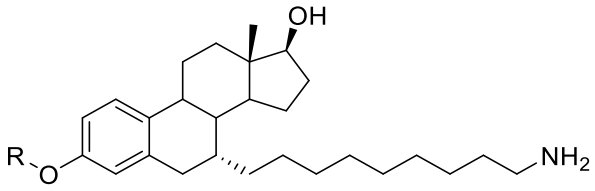


FIG. 1UU







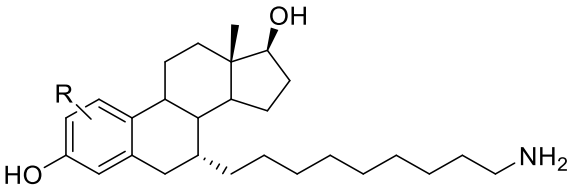
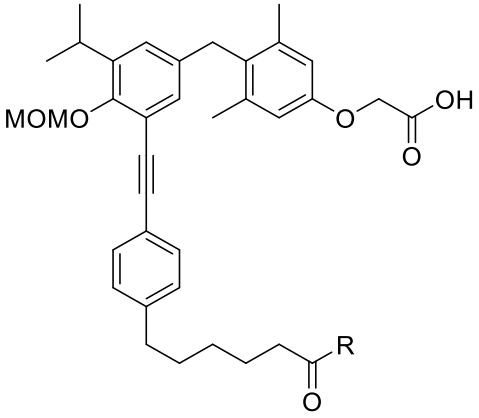
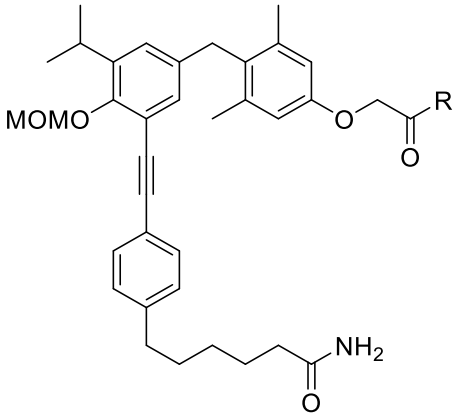


FIG. 1VV





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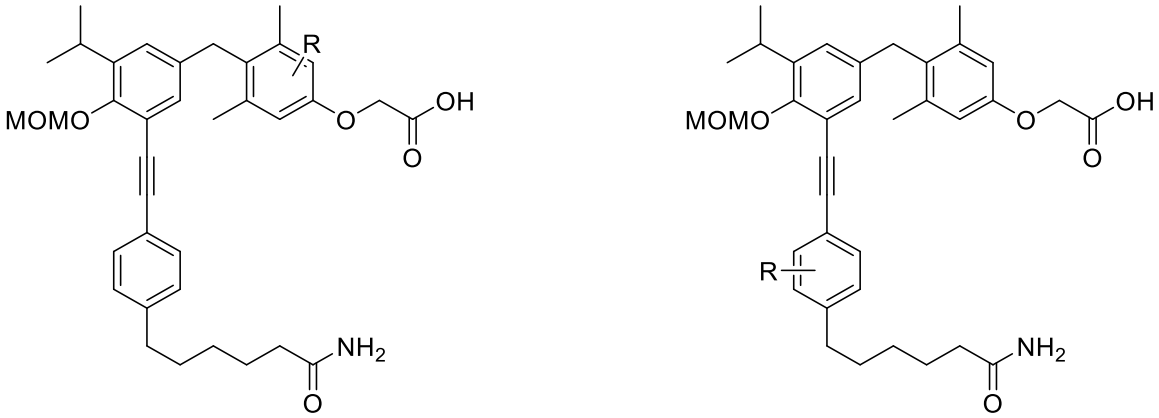
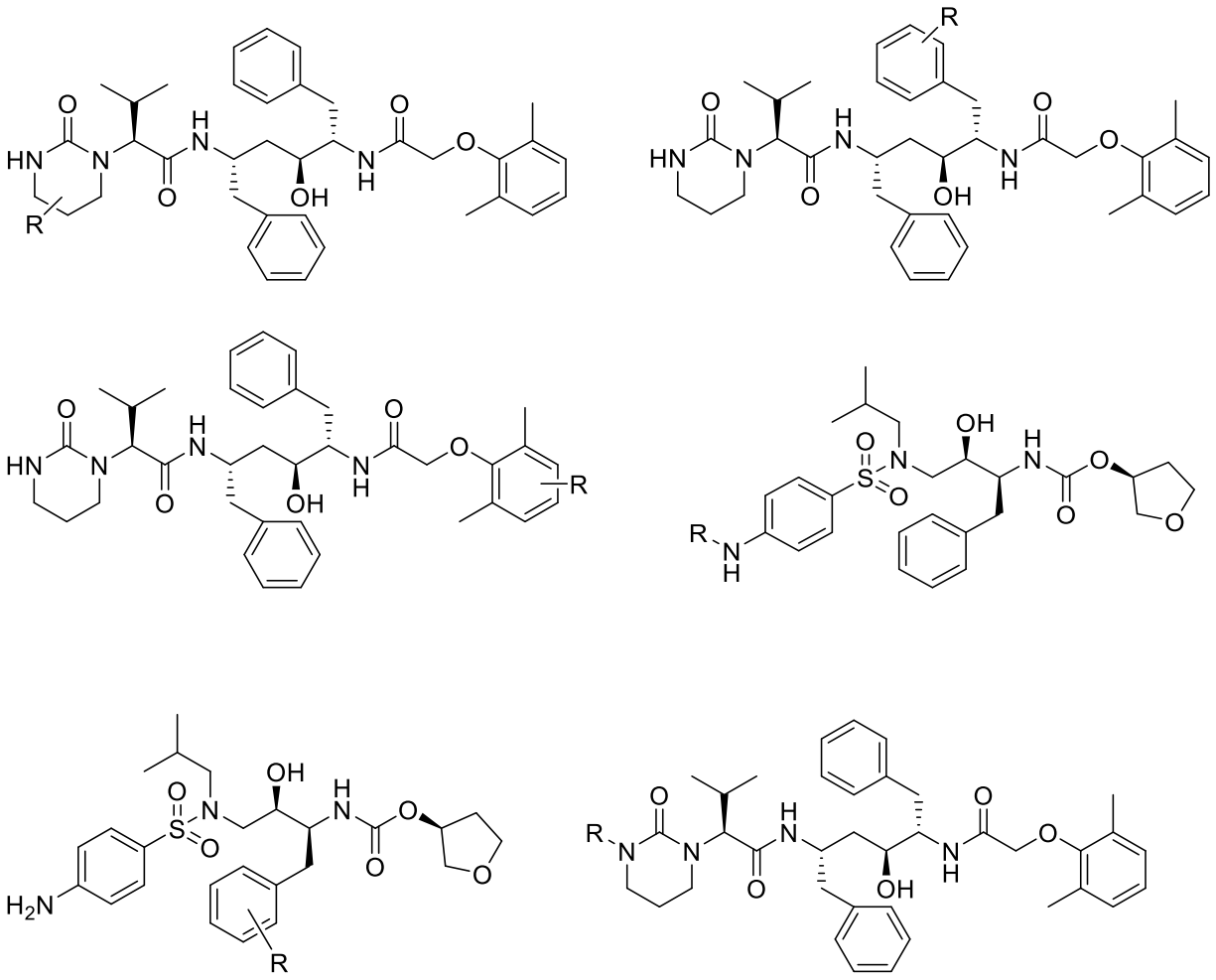


FIG. 1XX



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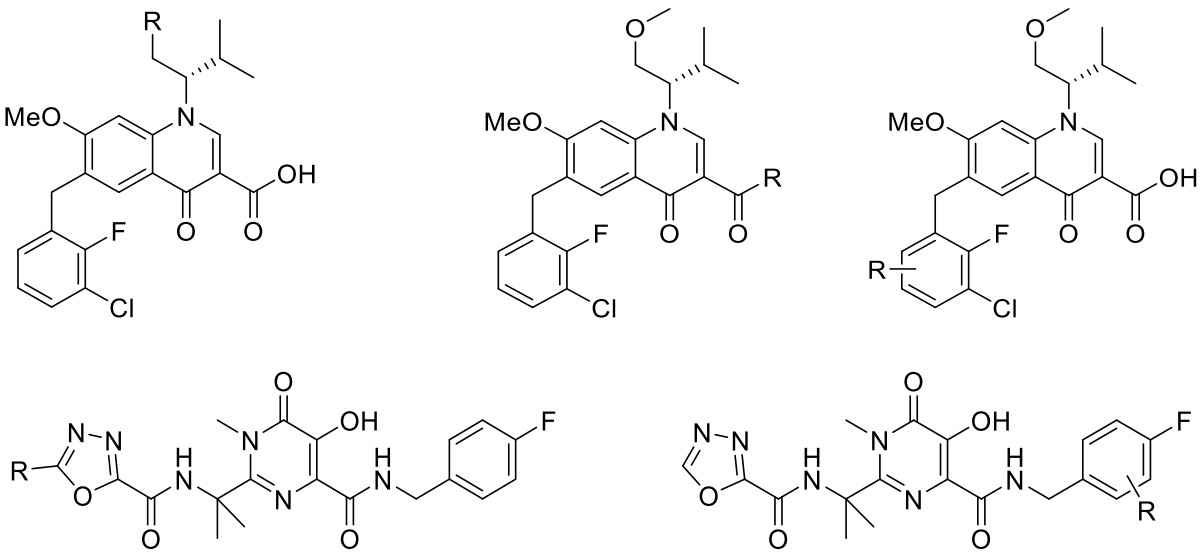
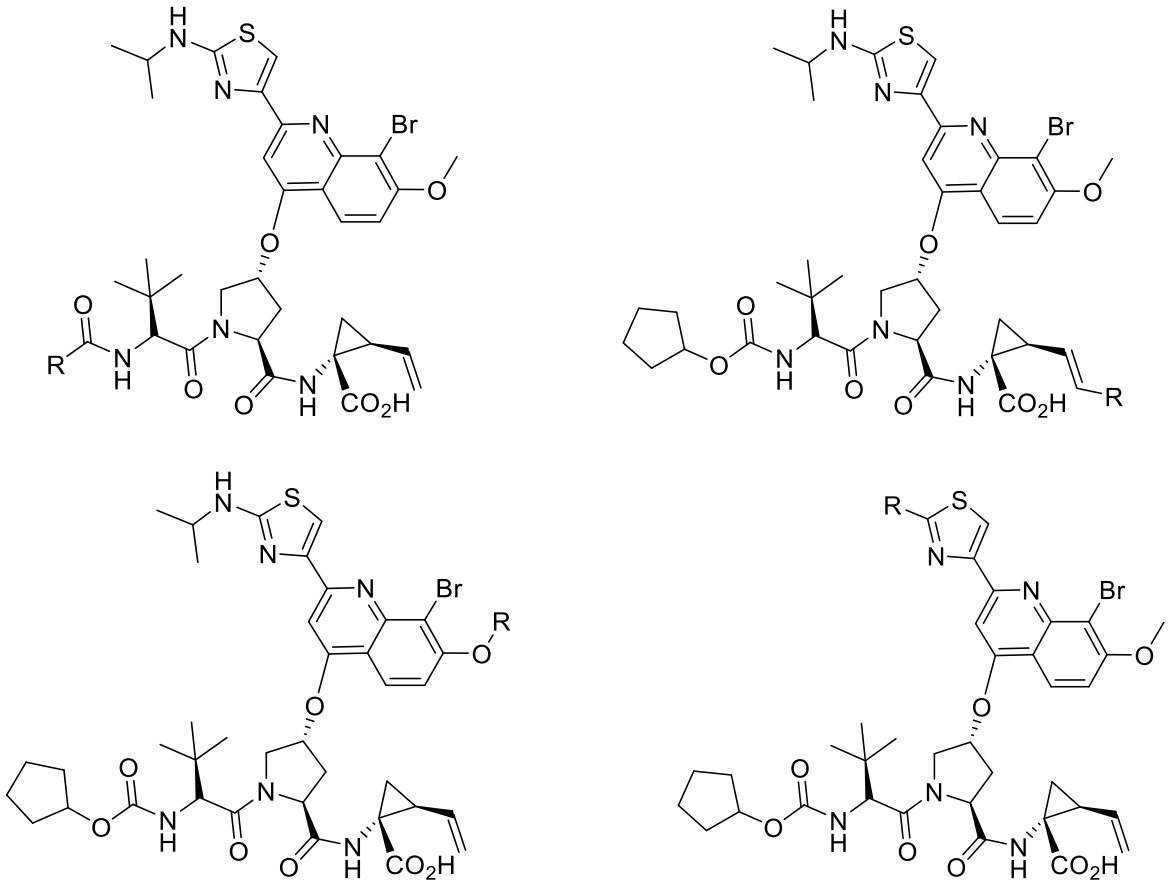


FIG. 1ZZ



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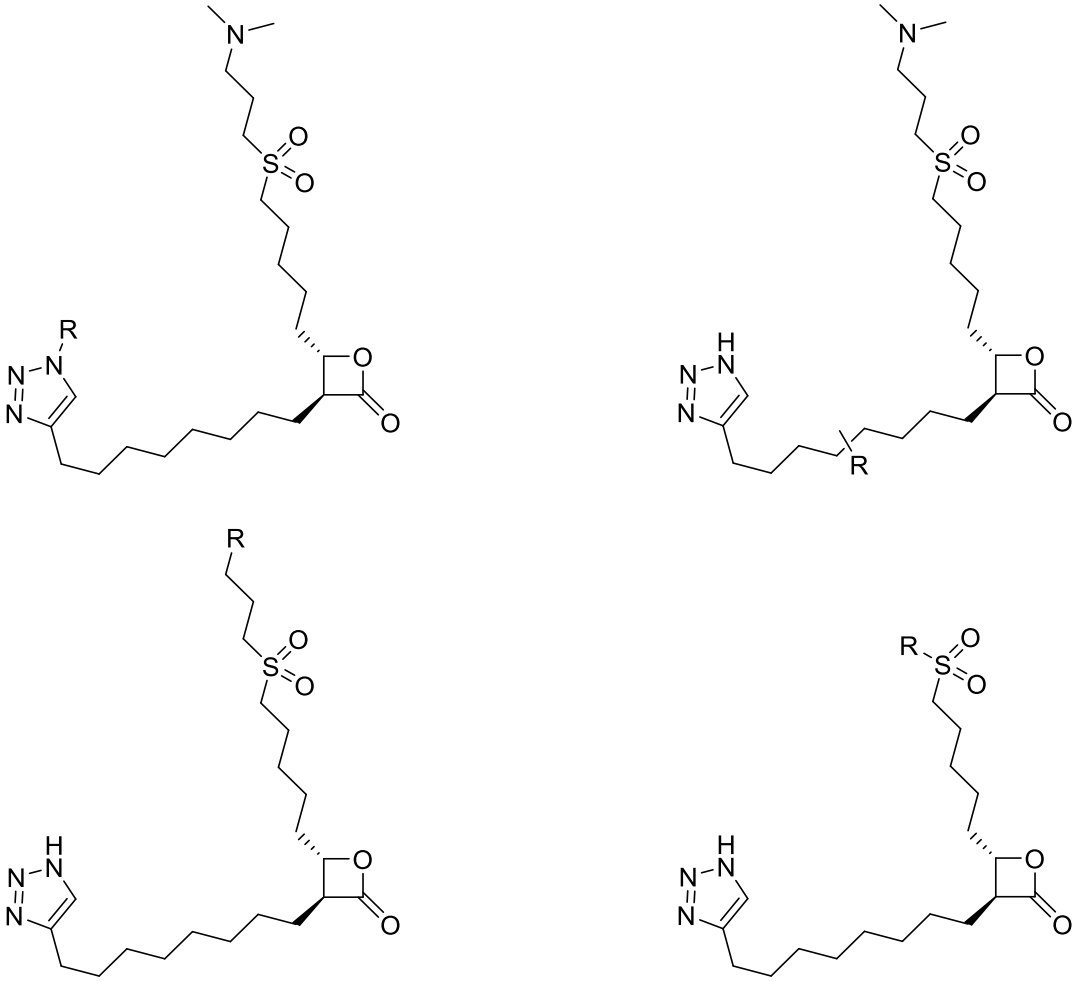


FIG. 1BBB

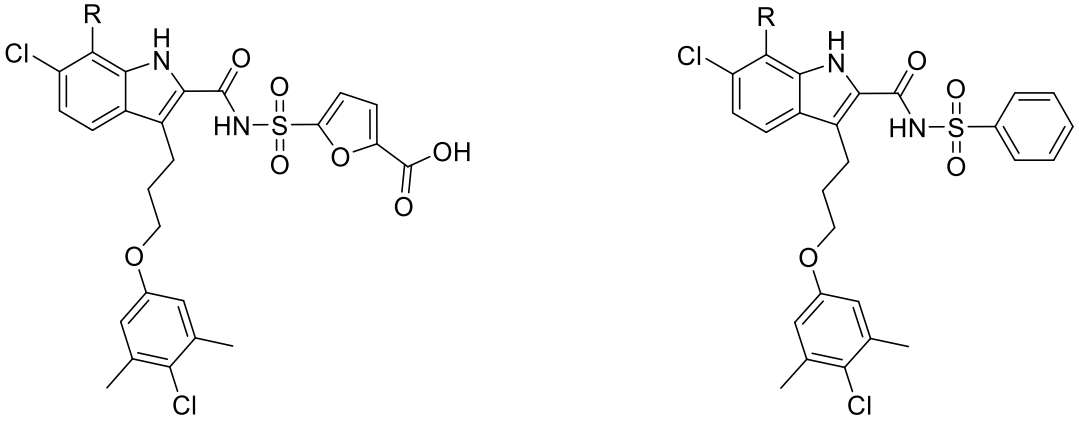
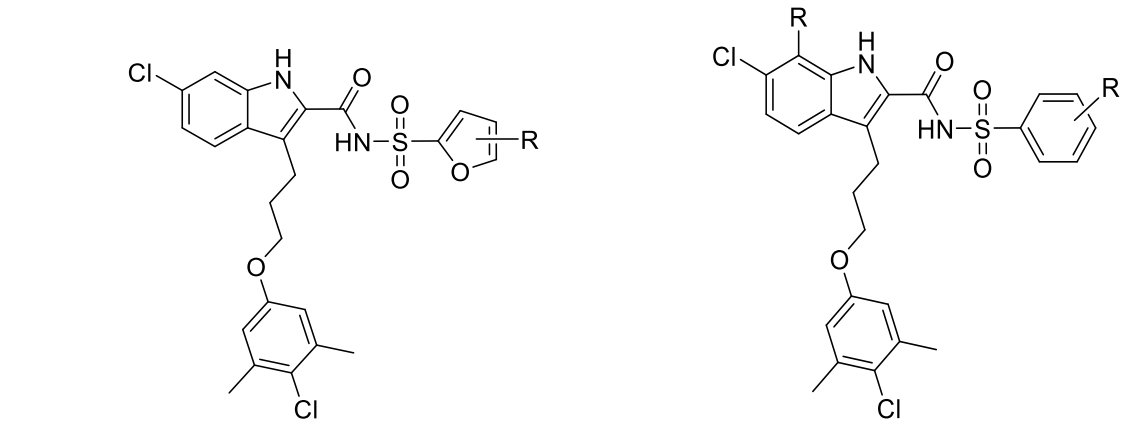


FIG. 1CCC



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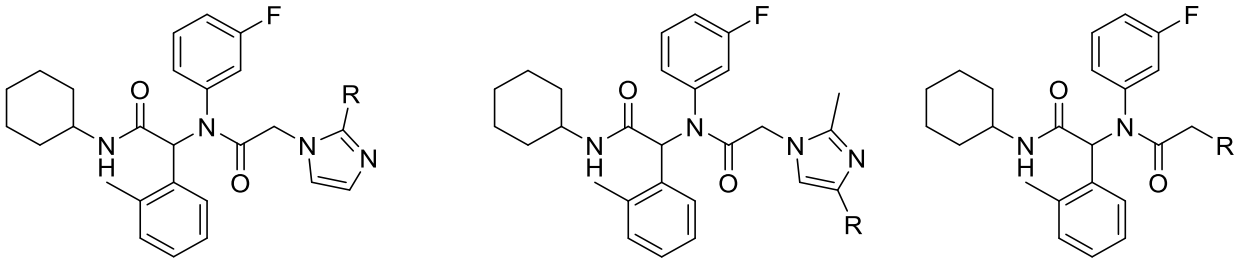
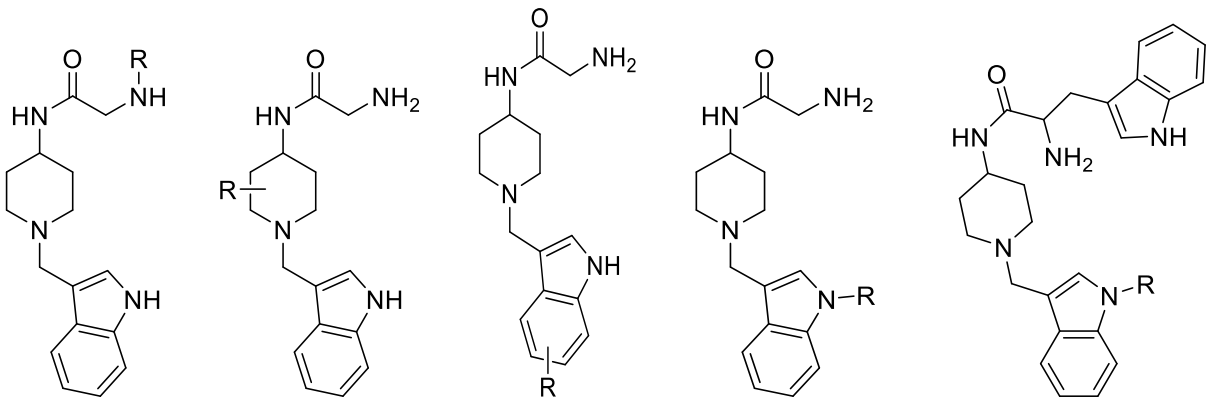


FIG. 1EEE



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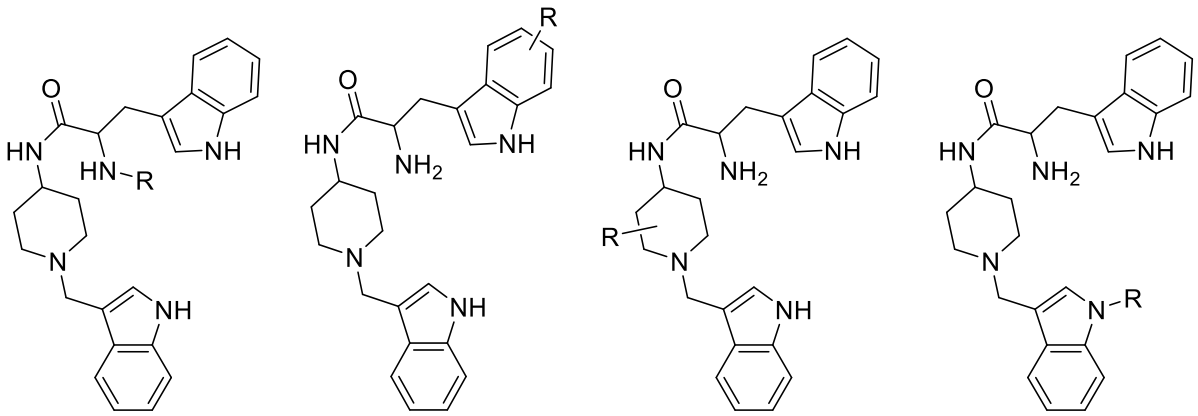
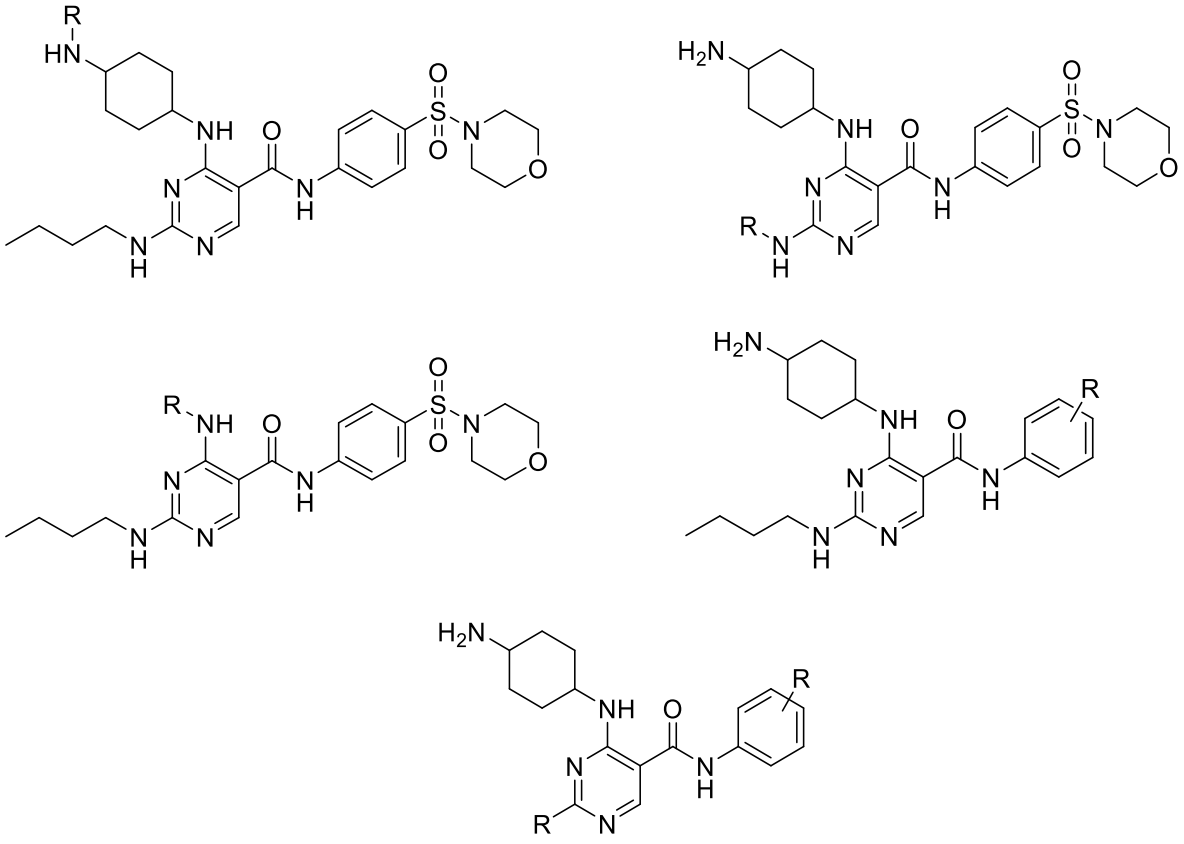


FIG. 1GGG



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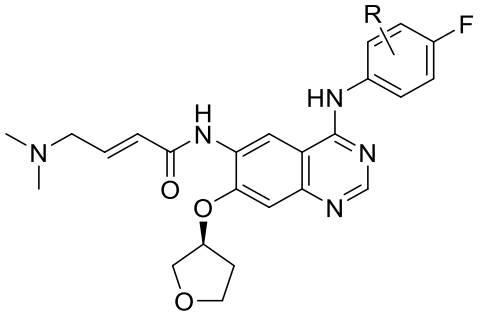
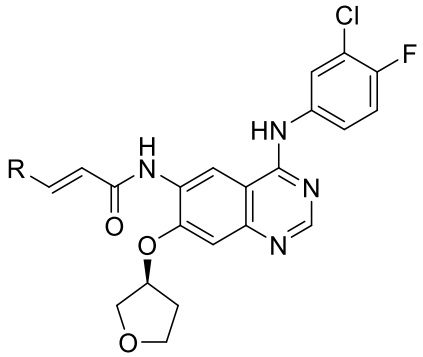
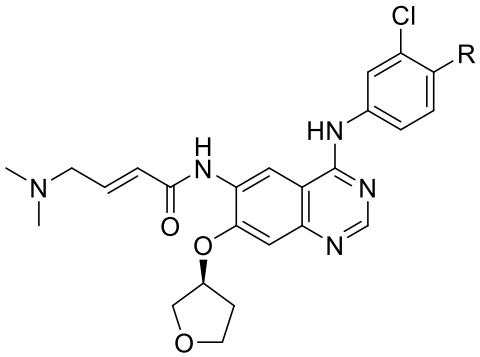
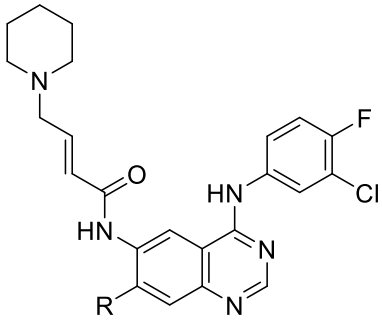
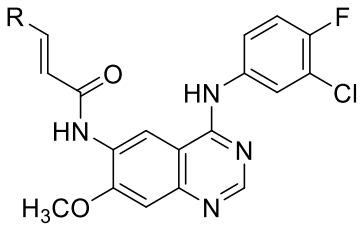
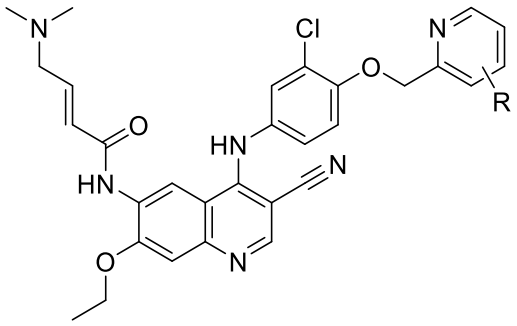


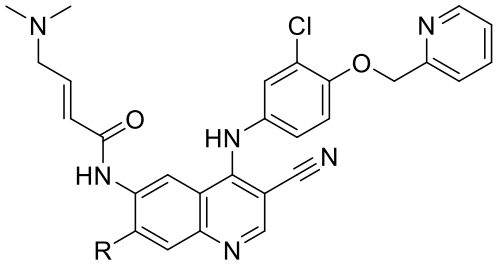












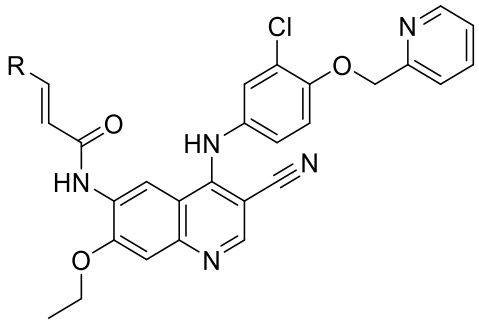


FIG. 1III

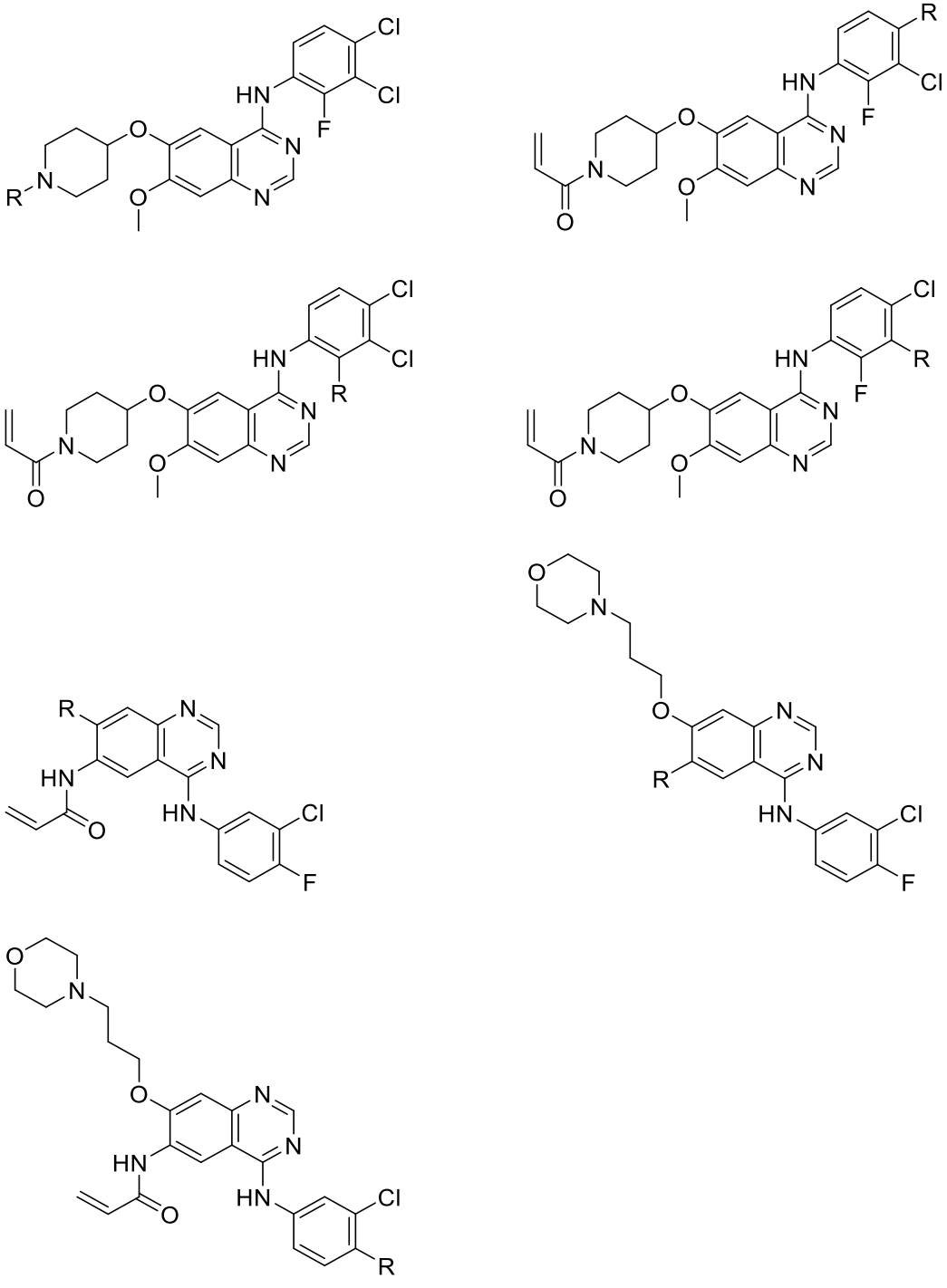


FIG. 1JJJ

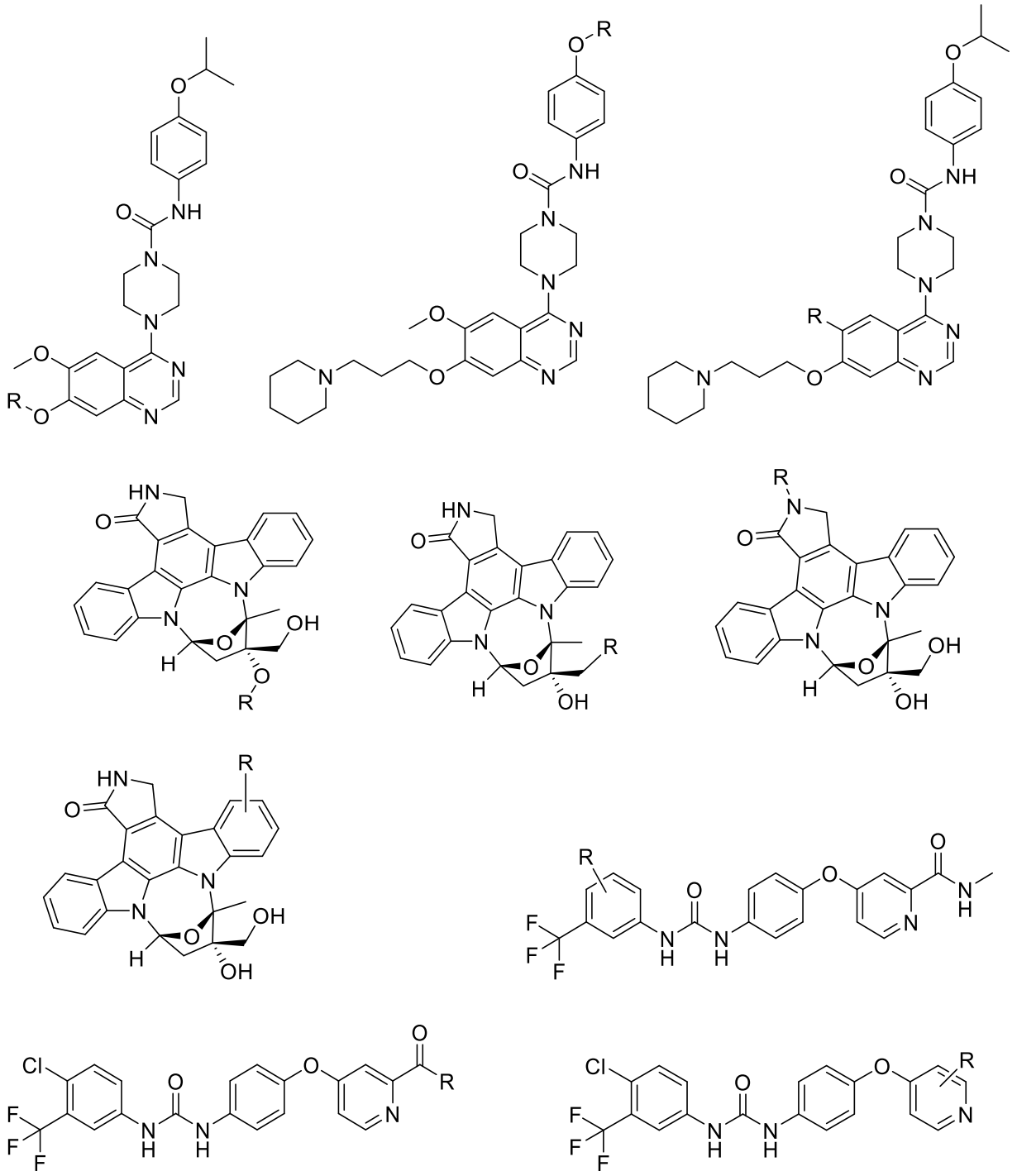
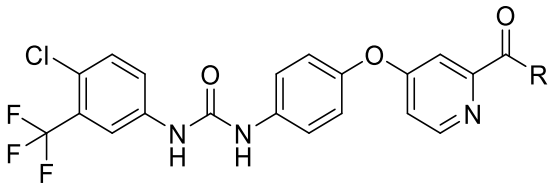
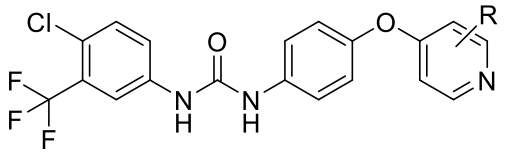
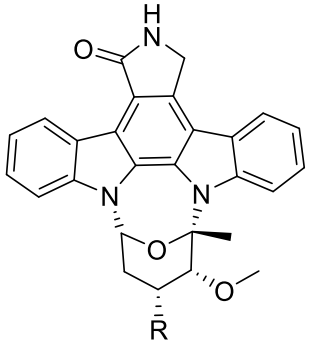
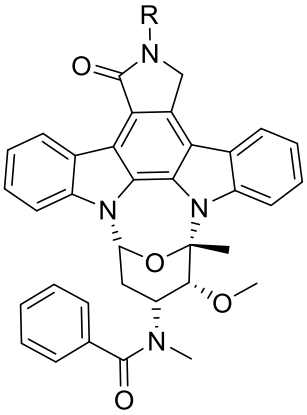


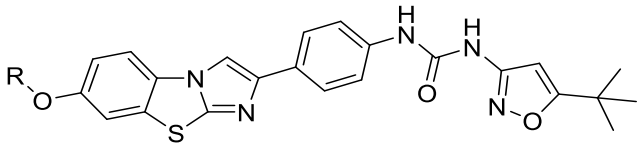
FIG. 1KKK

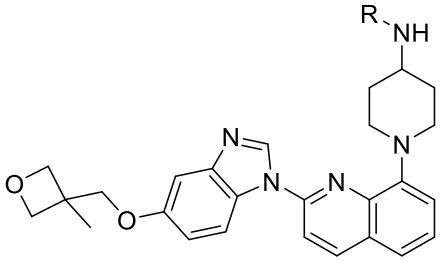


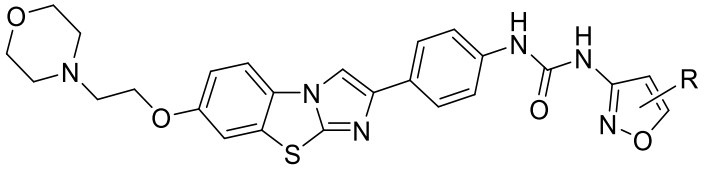


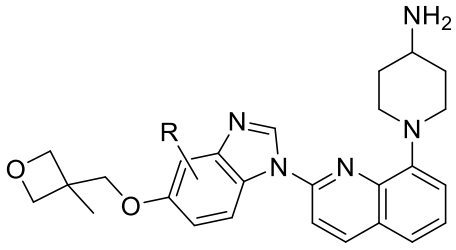












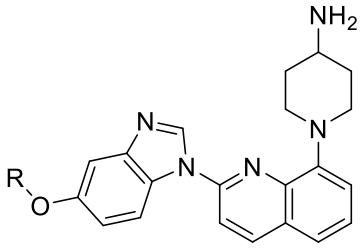


FIG. 1LLL

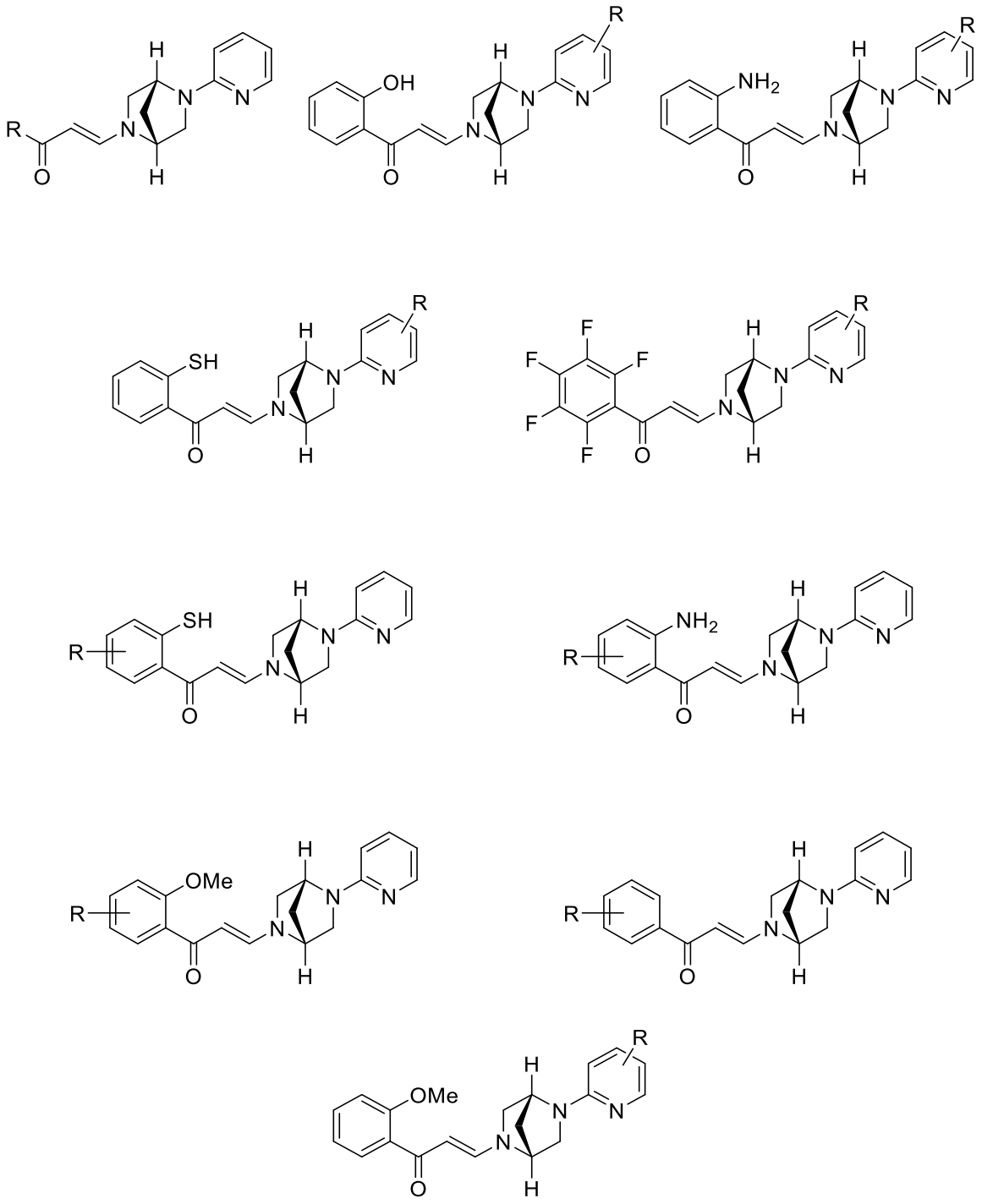
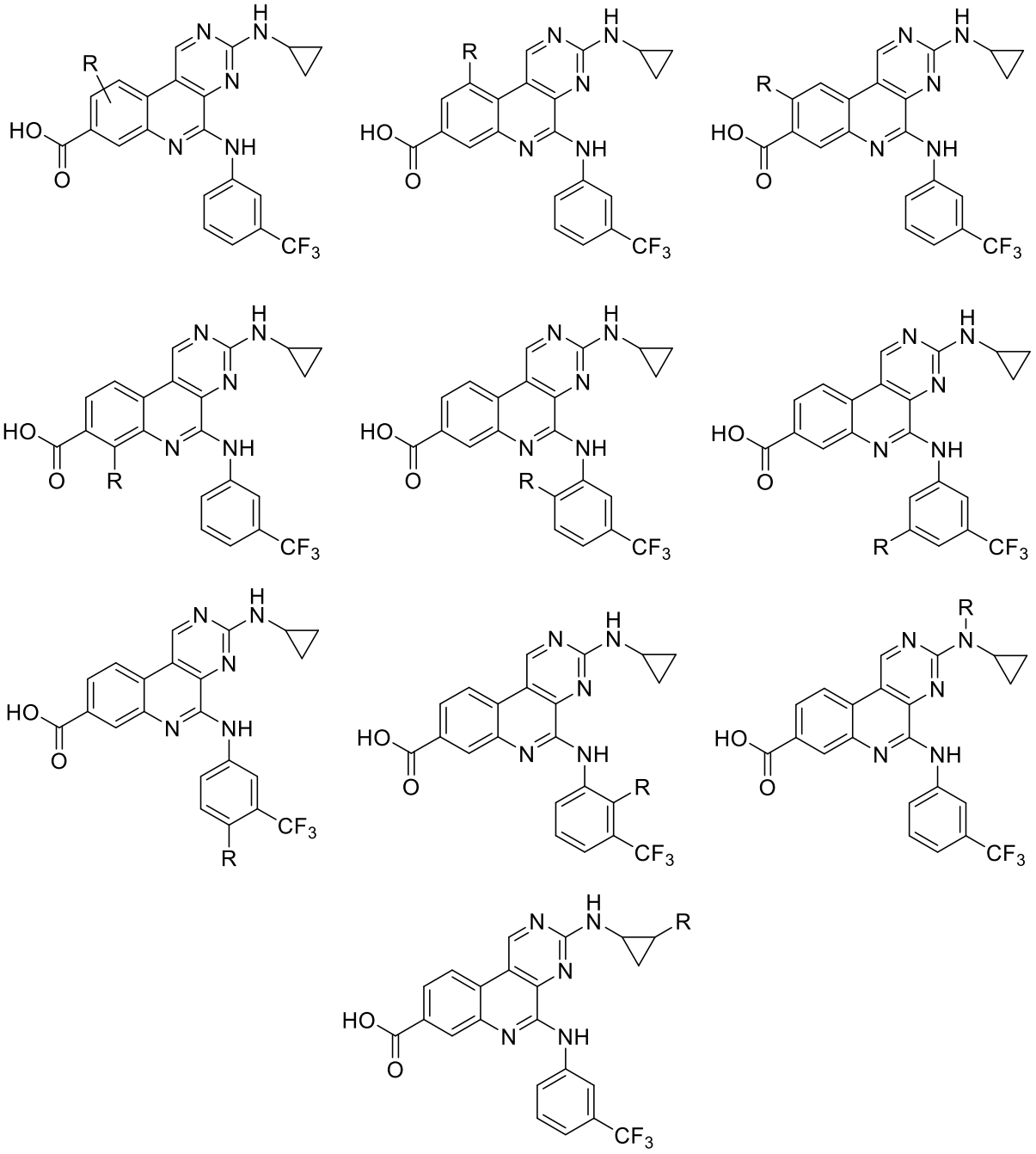


FIG. 2A



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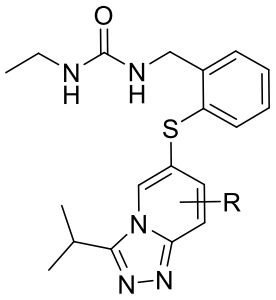
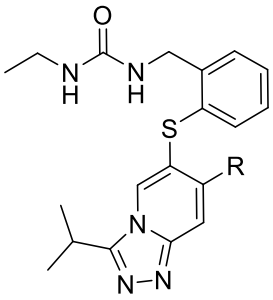
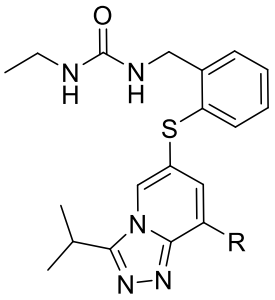
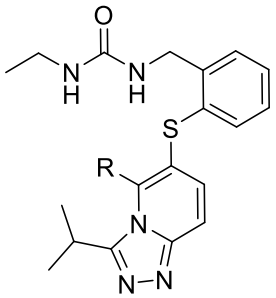
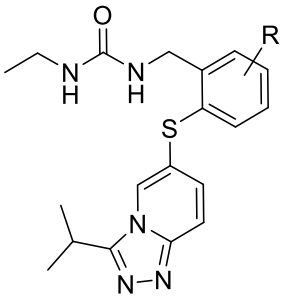
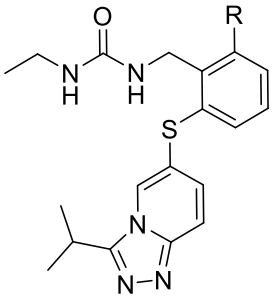
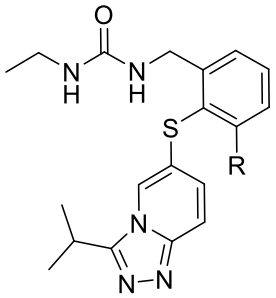
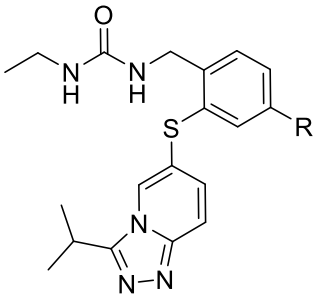
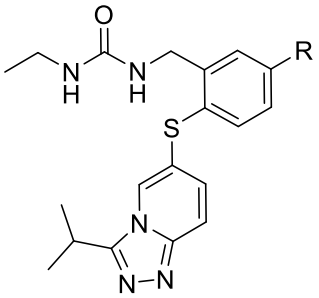
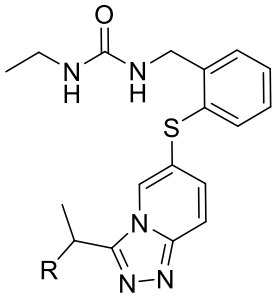











FIG. 2C

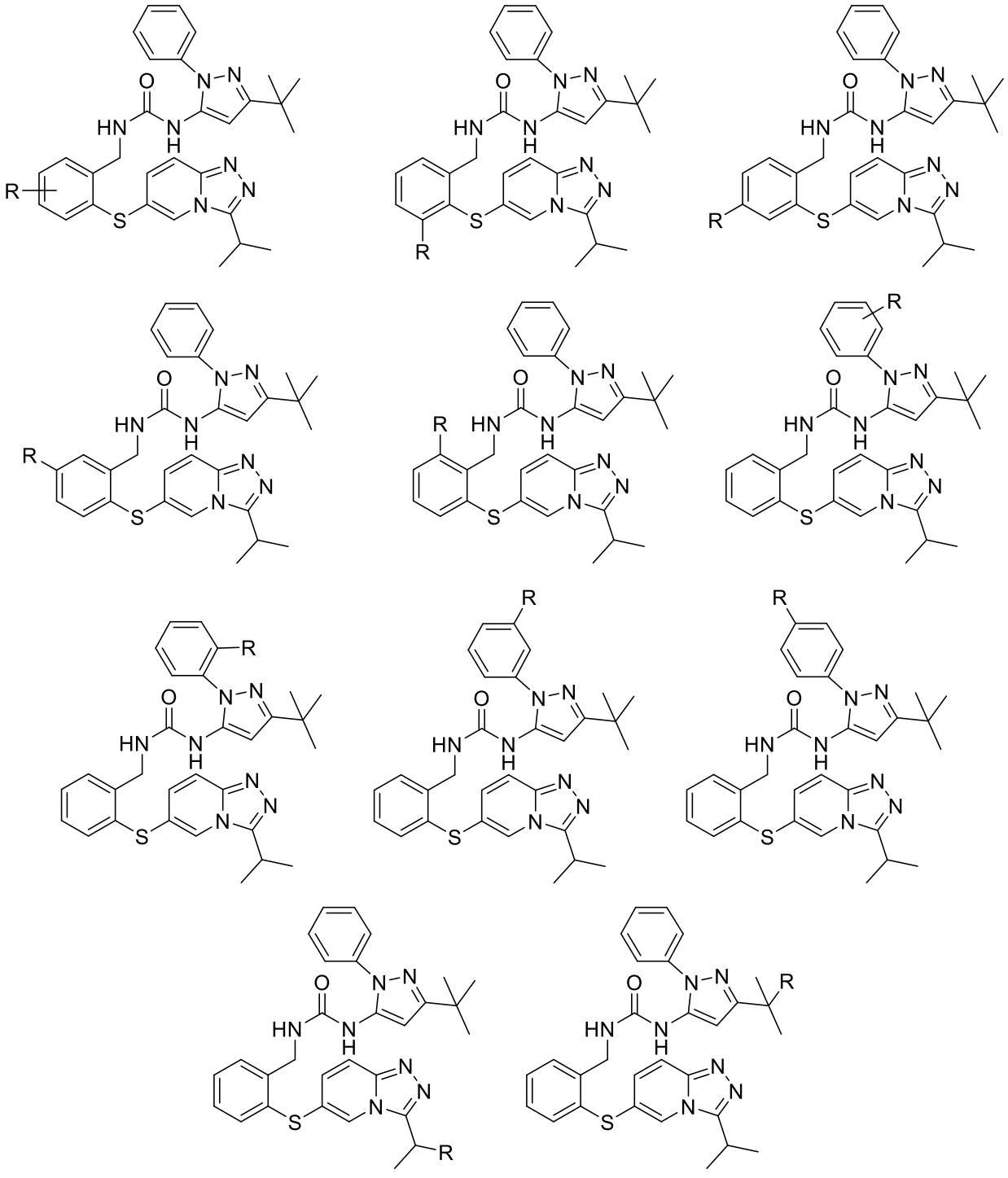


FIG. 2D

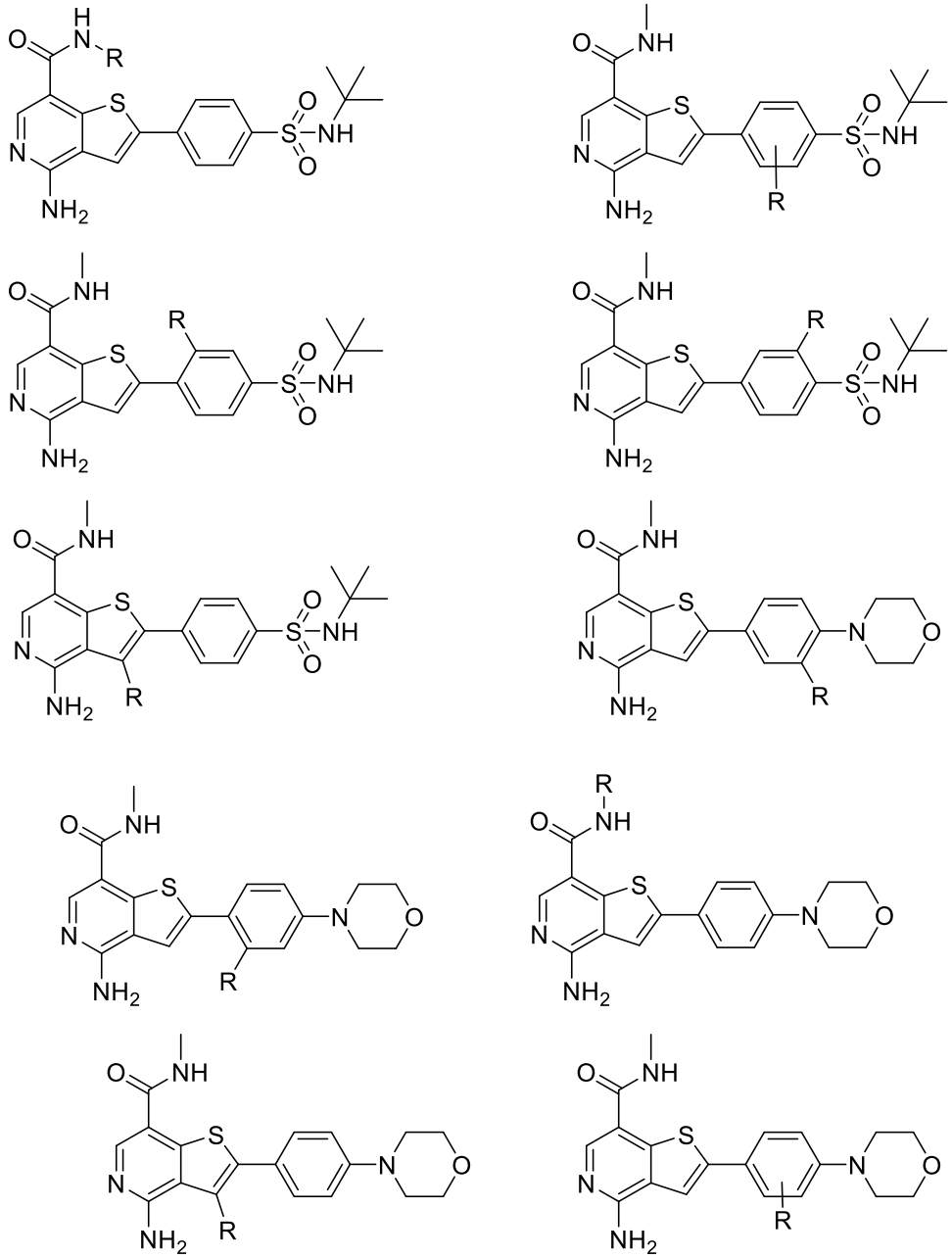


FIG. 2E

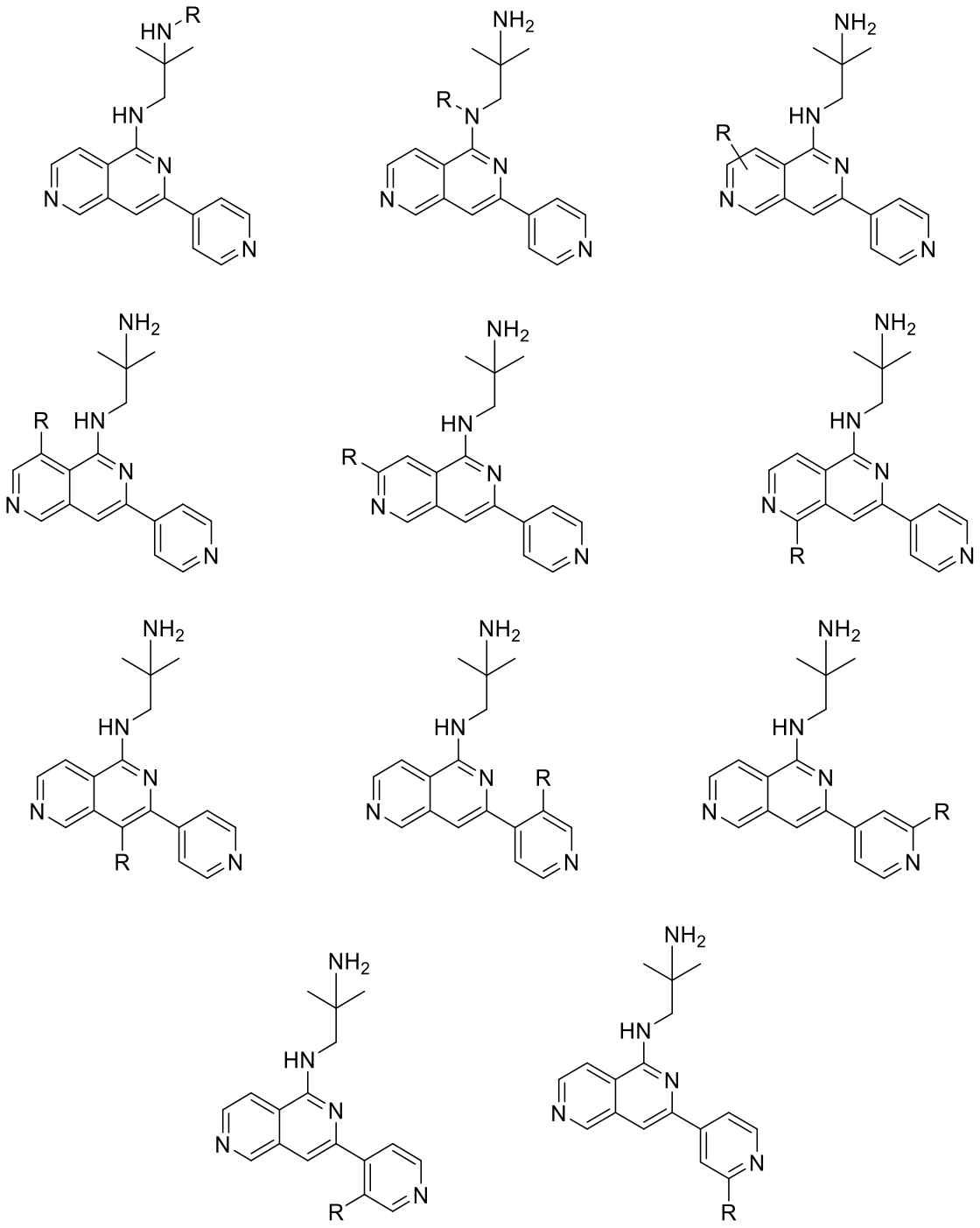


FIG. 2F

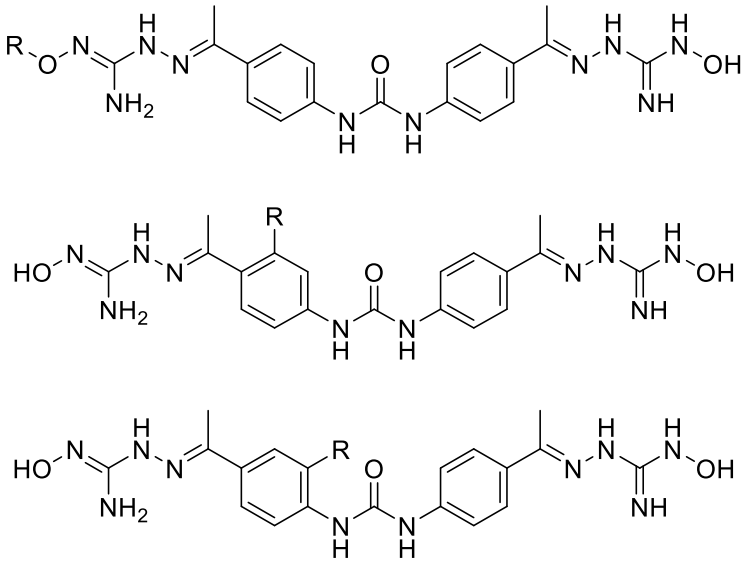


FIG. 2G

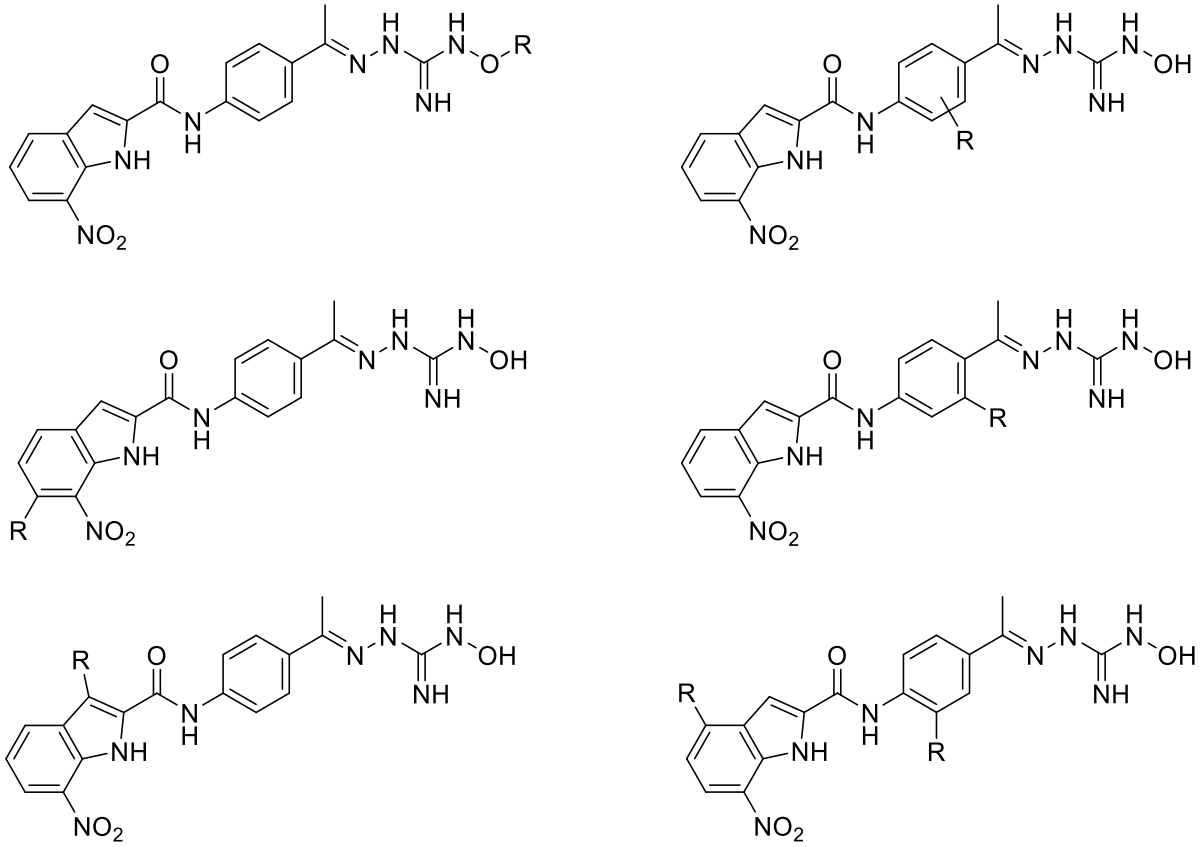


FIG. 2H

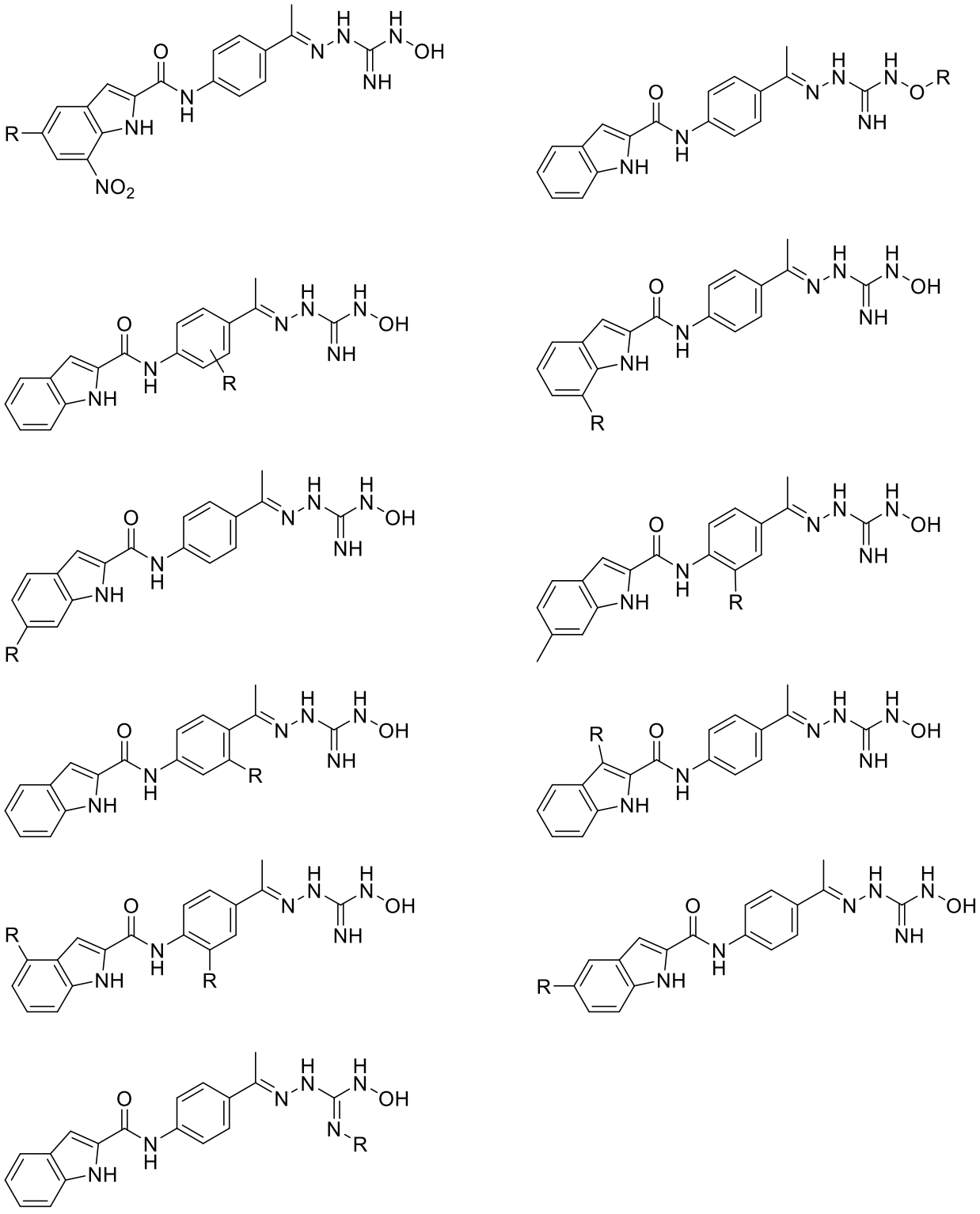
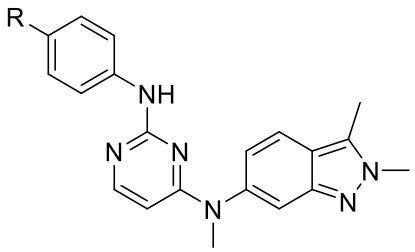
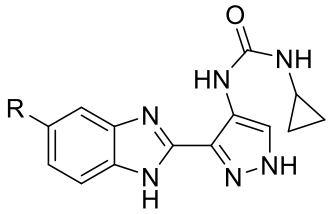


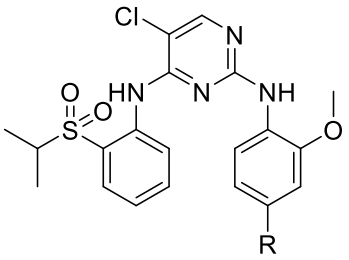
FIG. 2I



derivatized pazopanib



derivatized AT-9283



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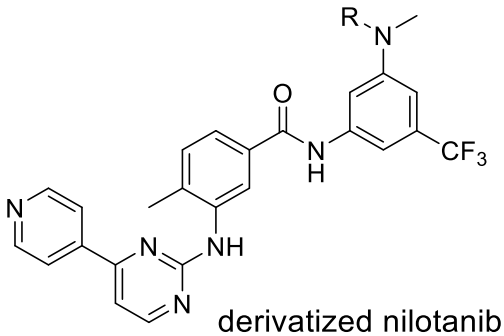
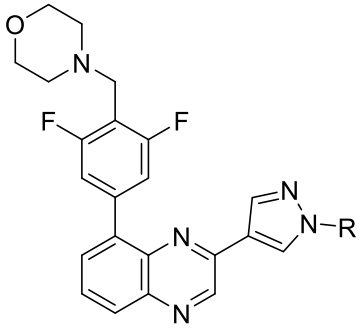
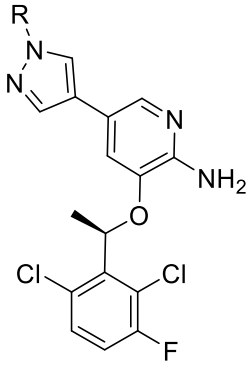


derivatized nilotanib



derivatized NVP-BSK805



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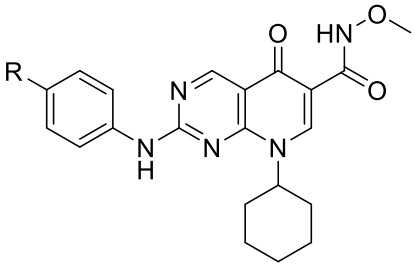
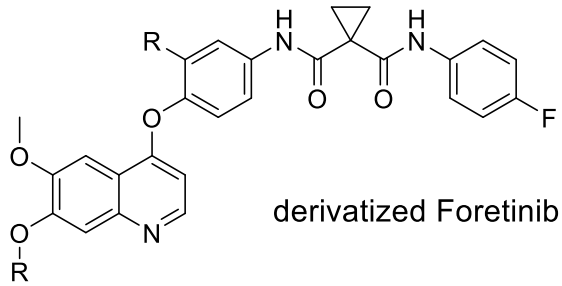
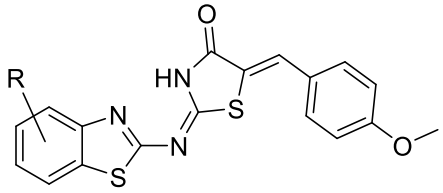


derivatized JNJ FMS

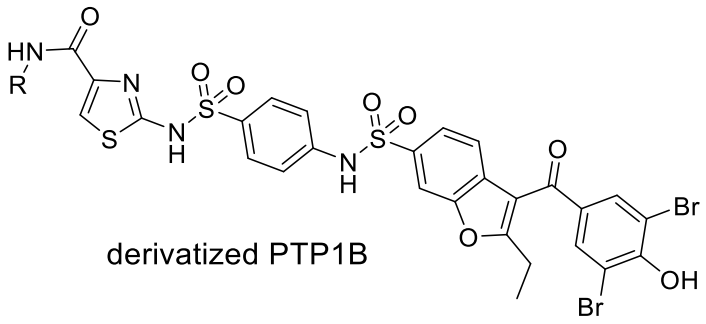


derivatized Foretinib

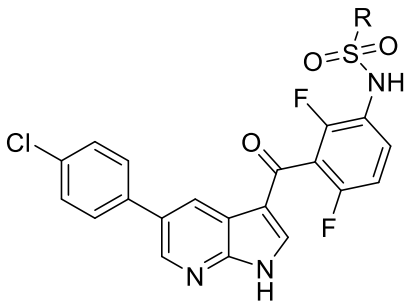


derivatized inhibitor of SHP-2 Domain of Tyrosine Phospatase

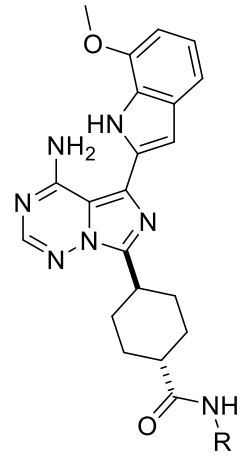
FIG. 2J



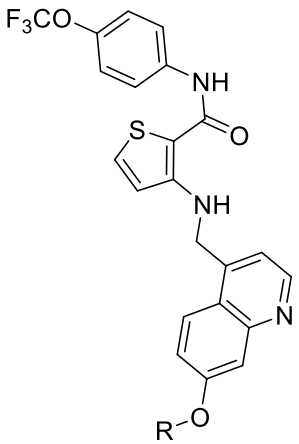
derivatized PTP1B



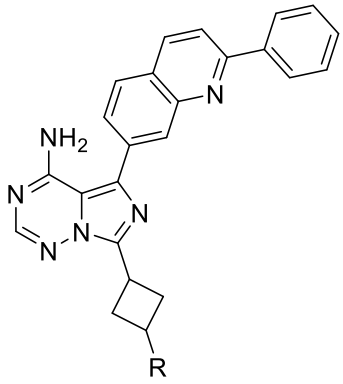
derivatized inhibitor of BRAF (BRAFV600E)/MEK



derivatized mTORC1/2 kinase inhibitor OSI-027



derivatized c-Kit/KDR kinase inhibitor OSI-930



derivatized IGF1R/IR kinase inhibitor OSI-906

FIG. 2K

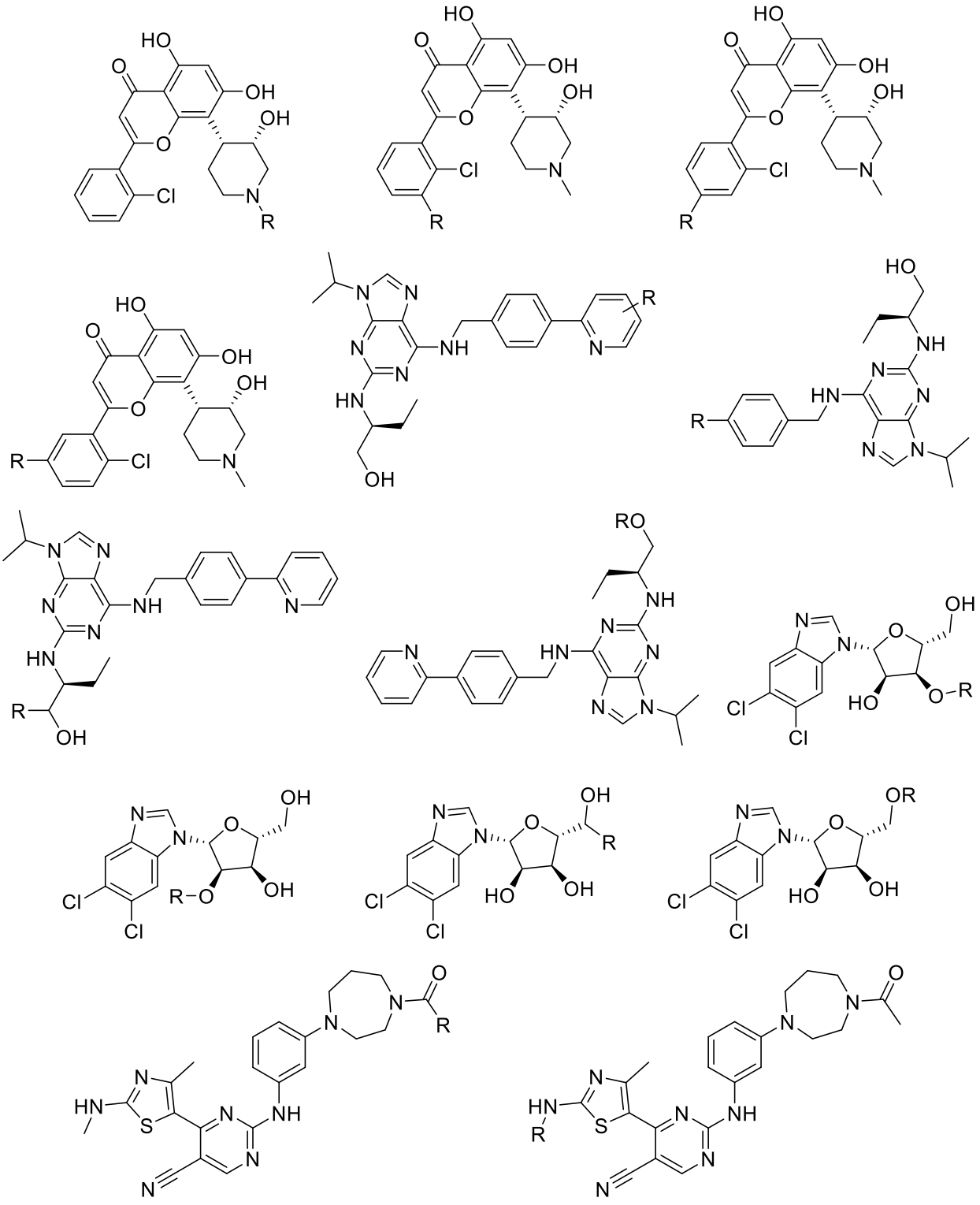


FIG. 2L

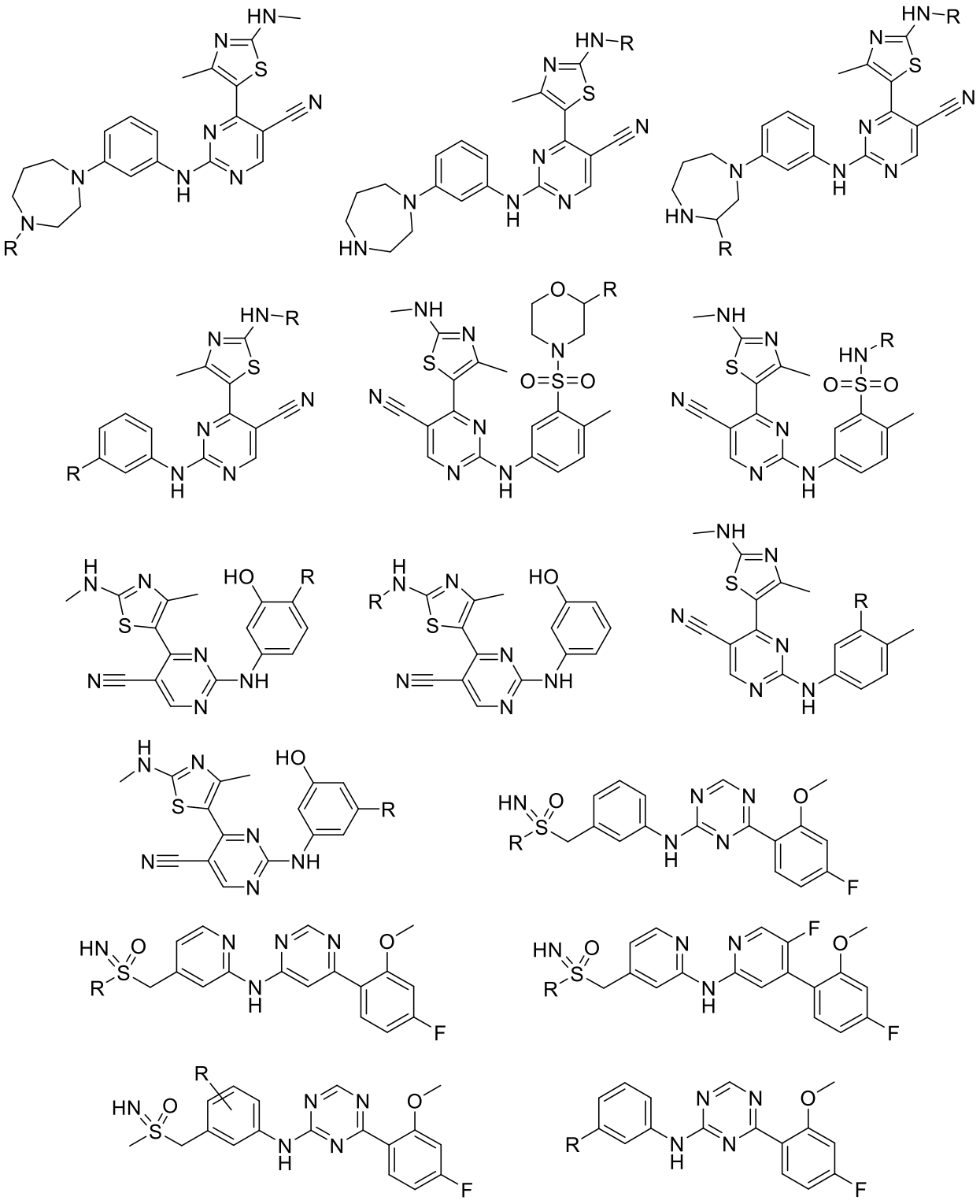


FIG. 2M

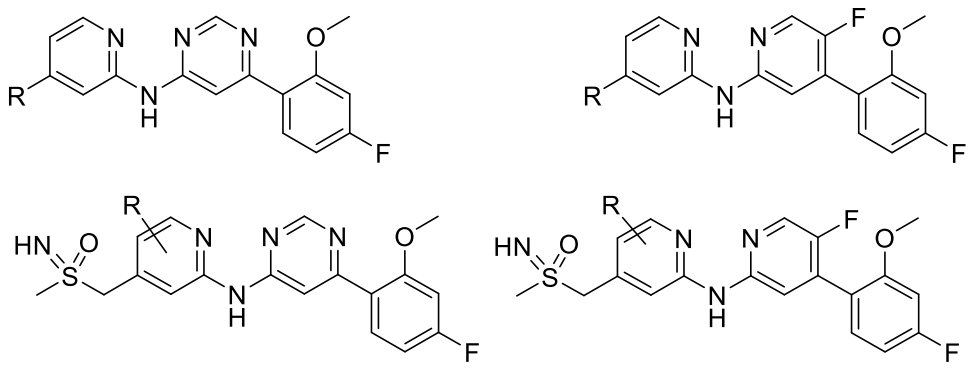


FIG. 2N

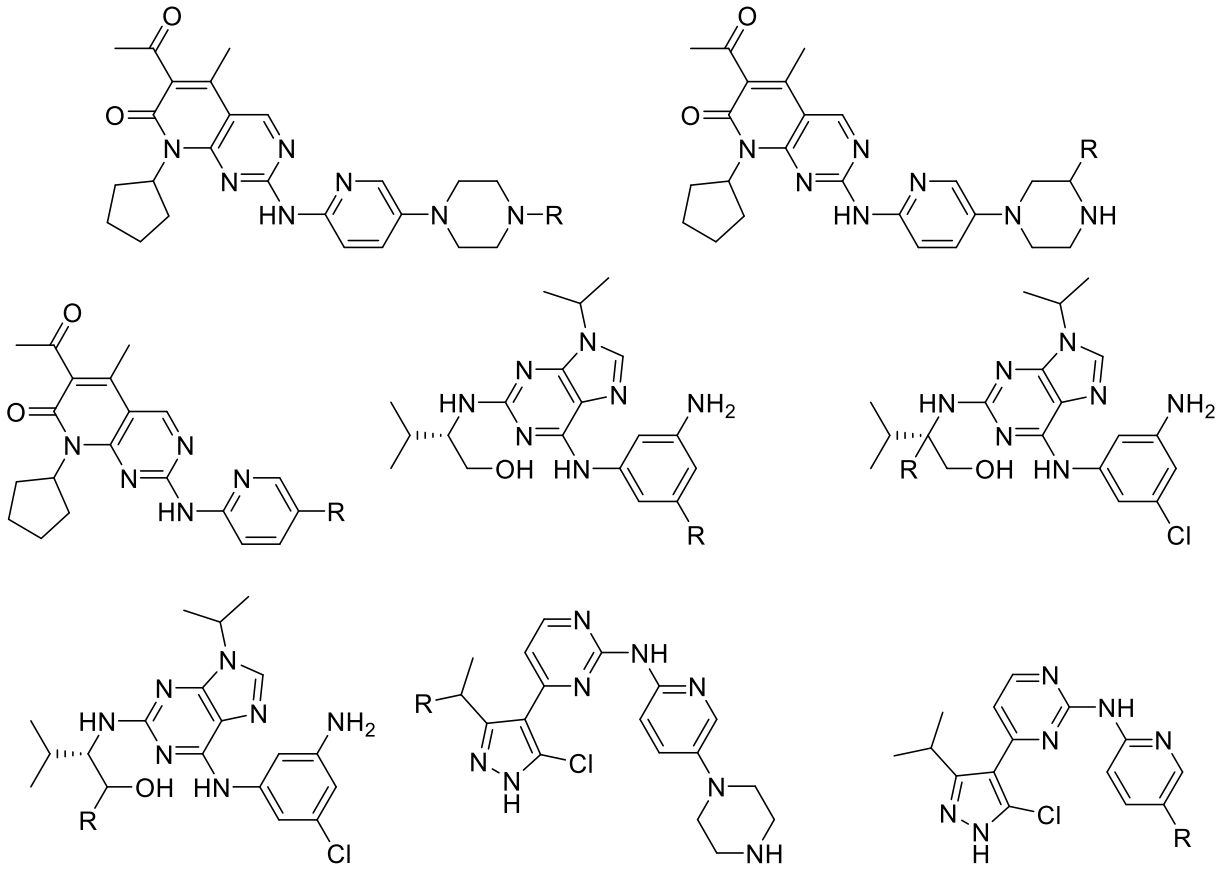


FIG. 2O

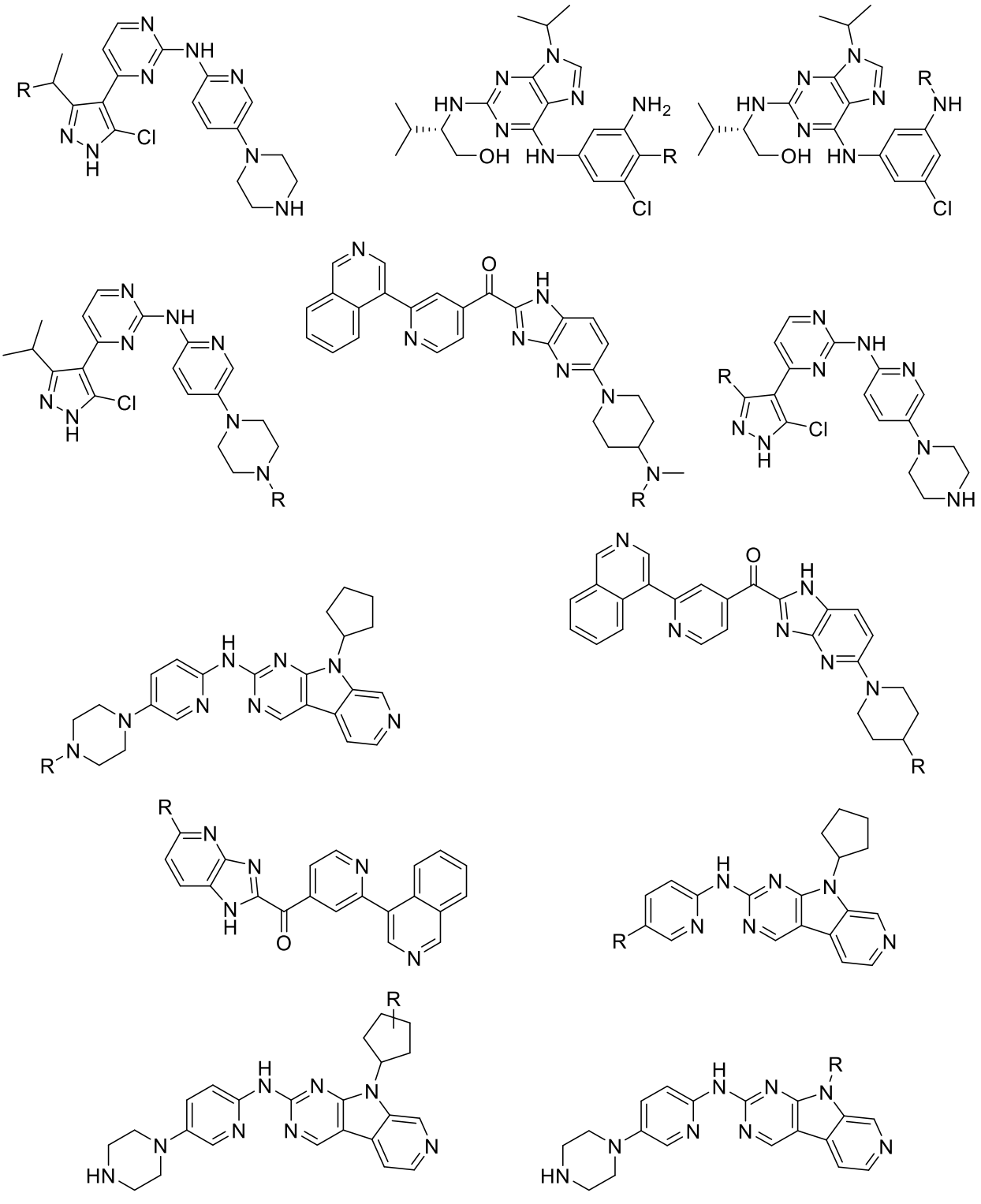


FIG. 2P

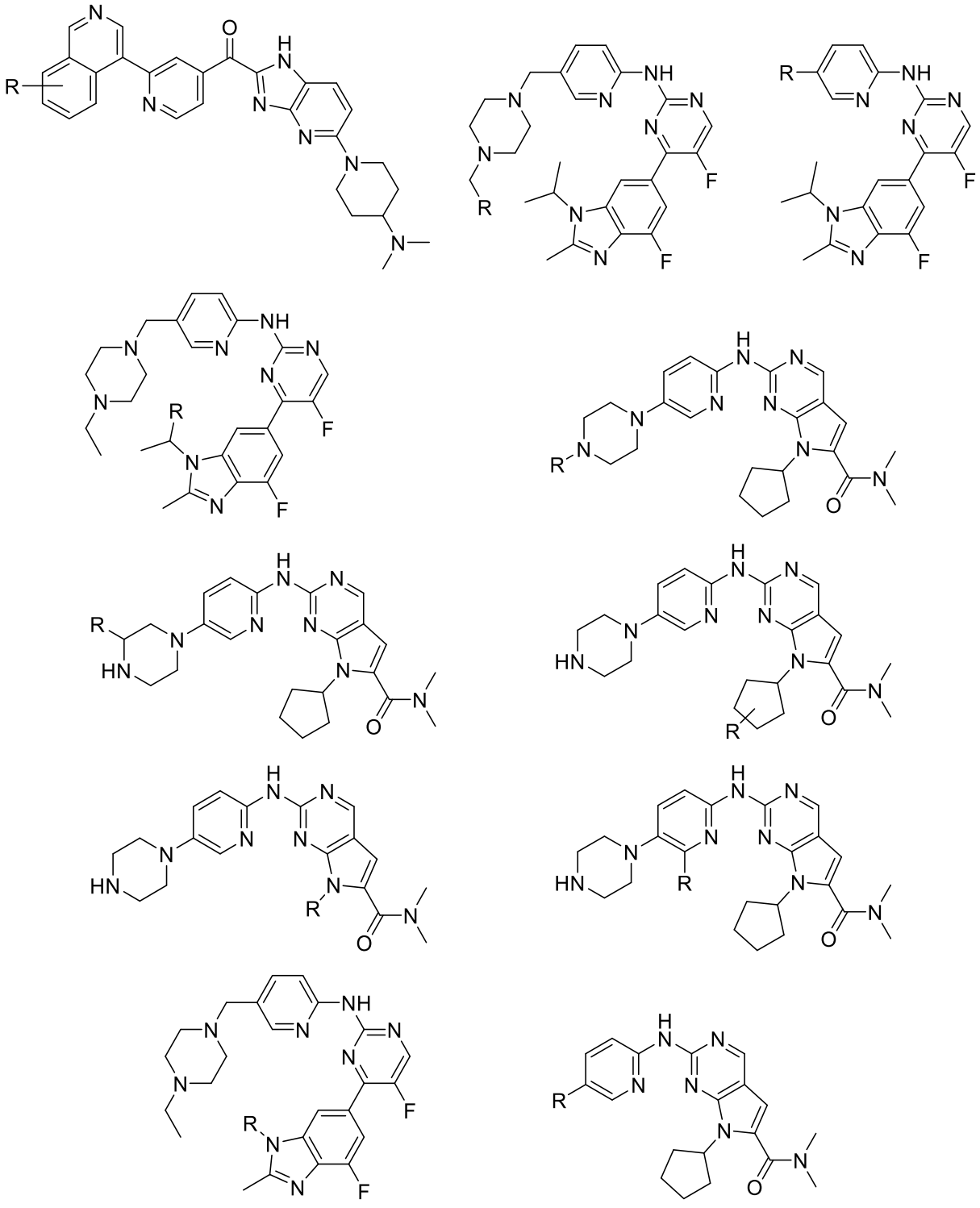


FIG. 2Q

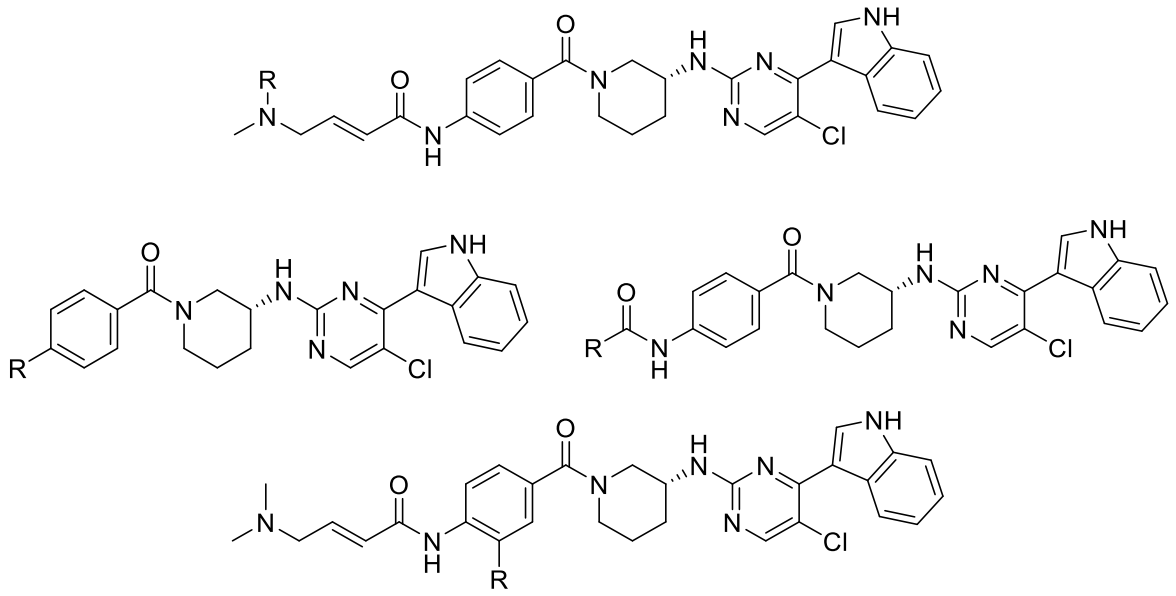


FIG. 2R

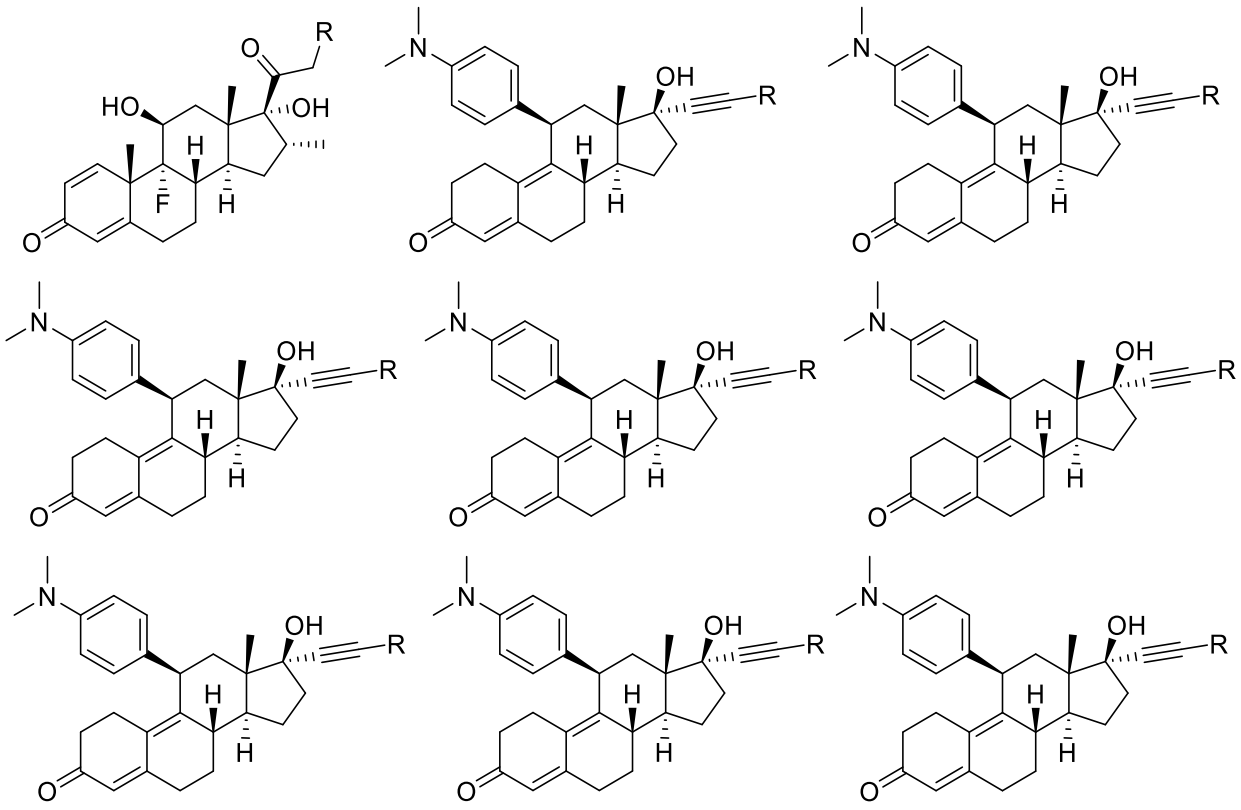


FIG. 2S

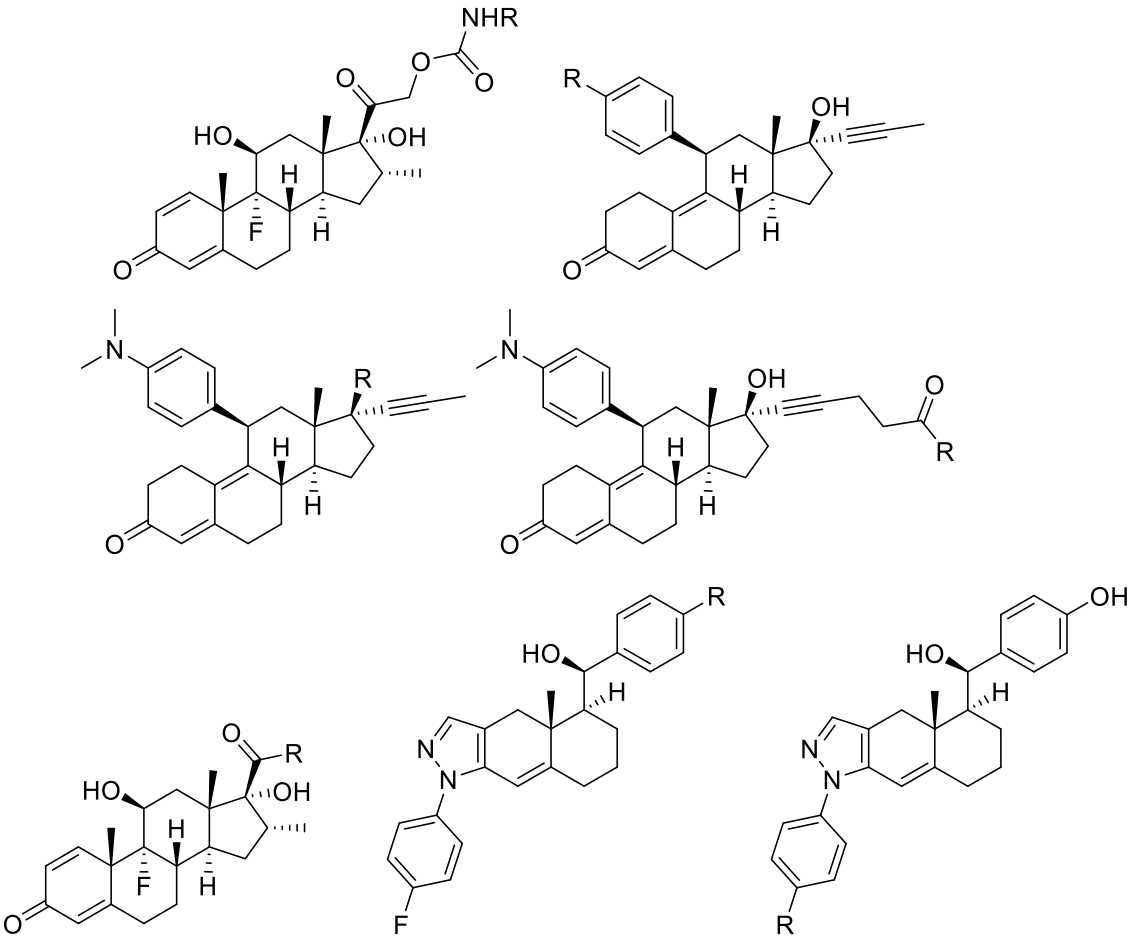

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FIG. 2T

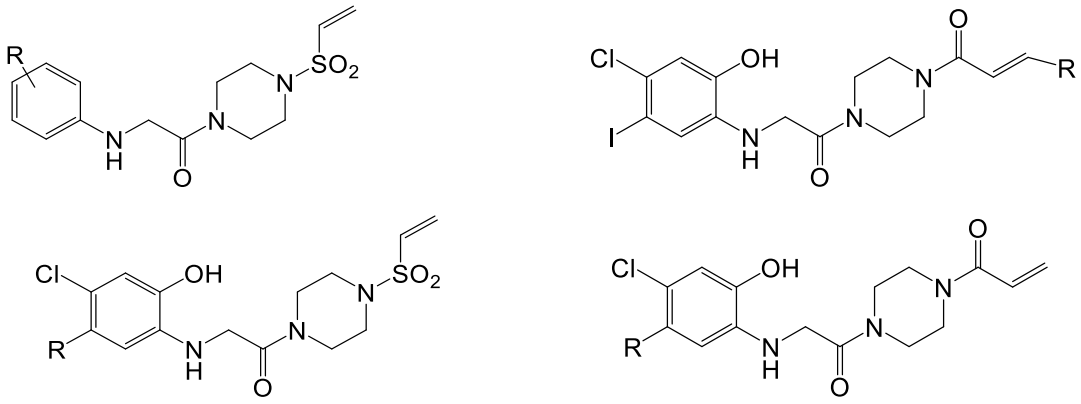
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FIG. 2U

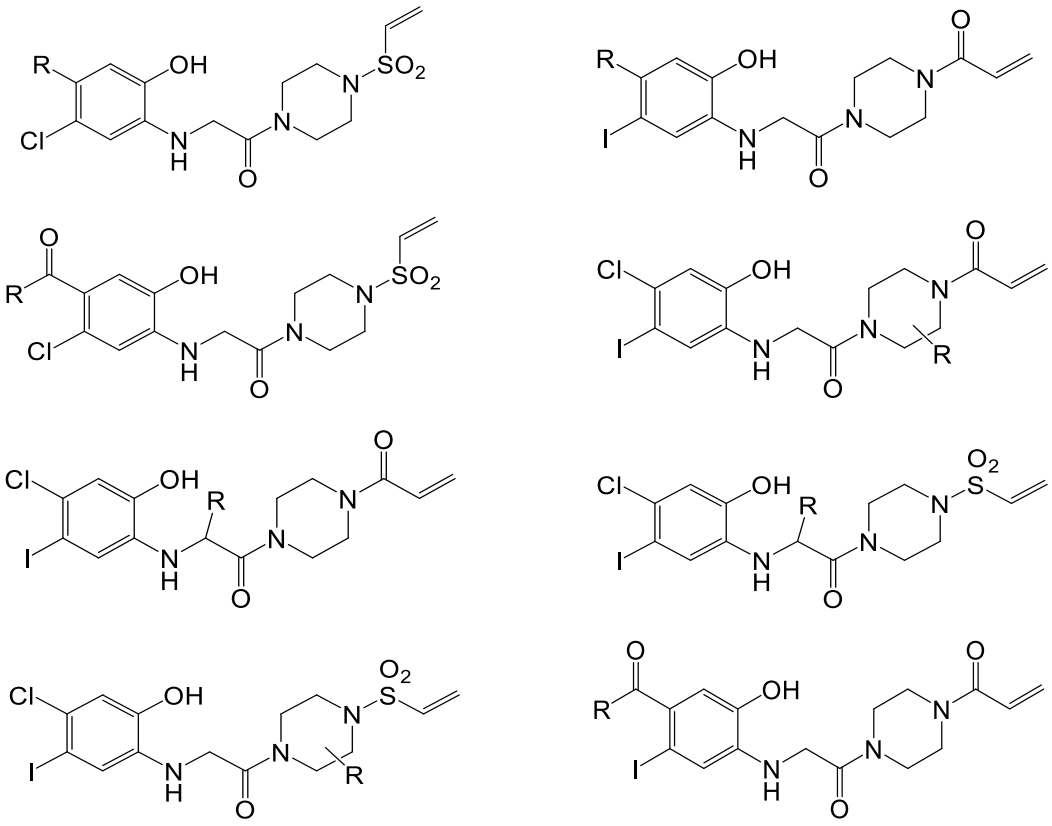

FIG. 2V

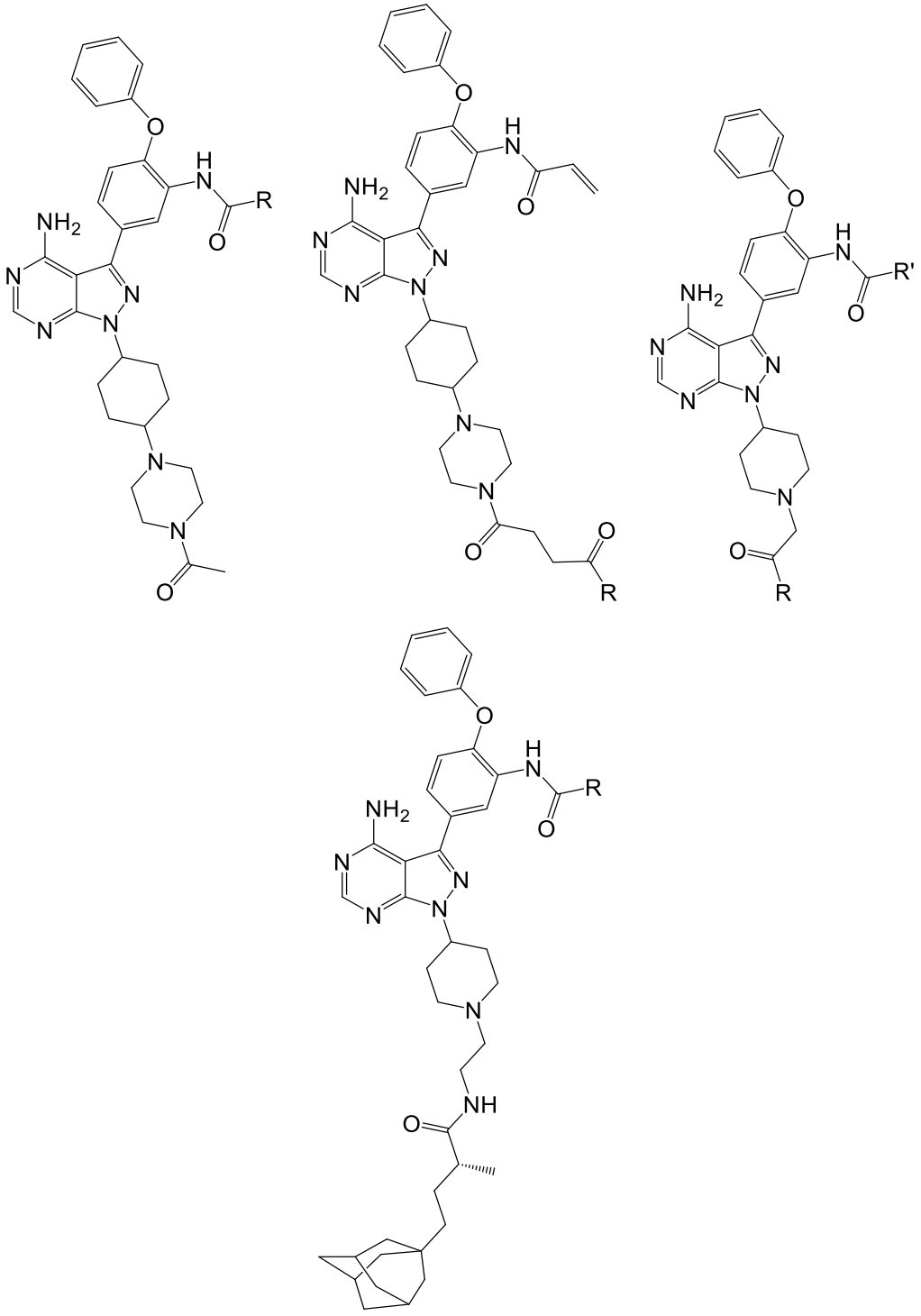

FIG. 2W

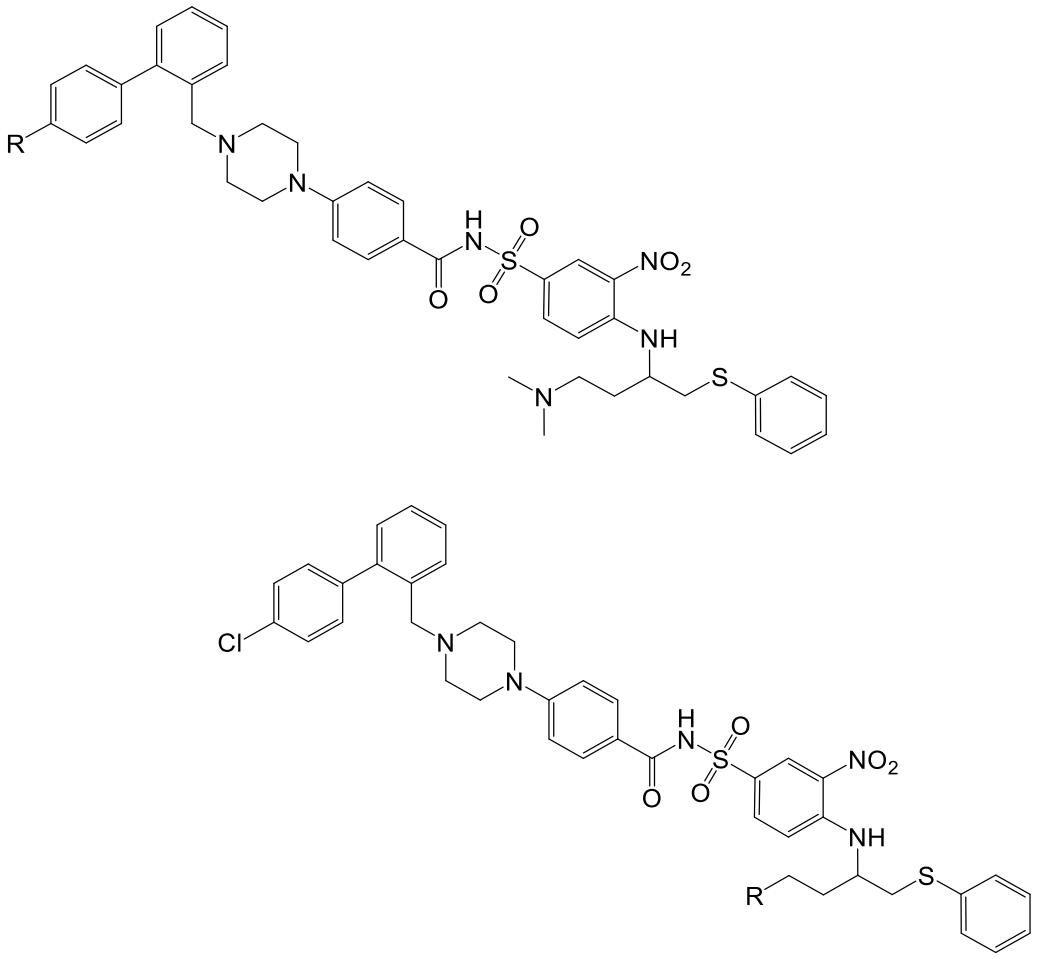

FIG. 2X

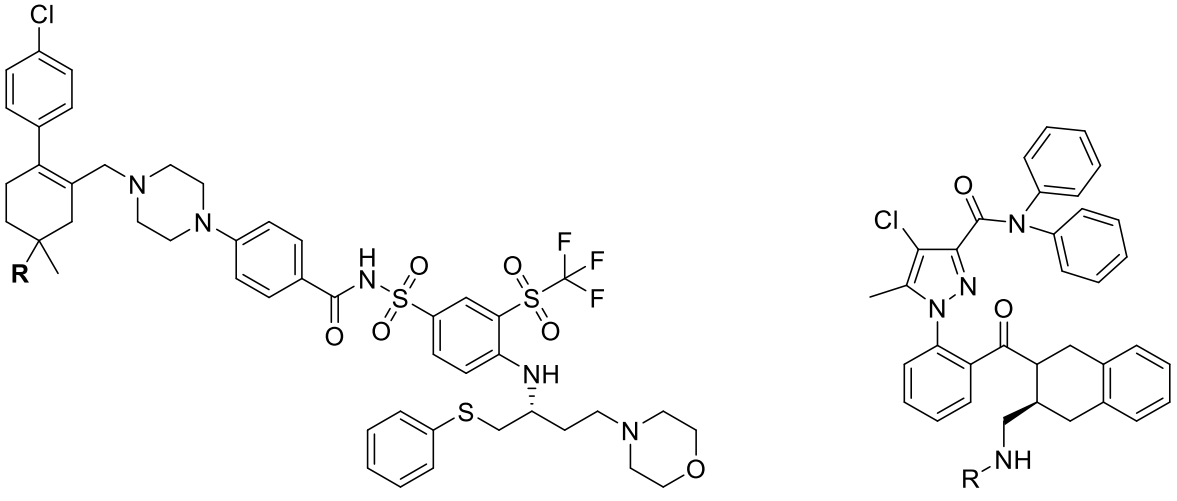

FIG. 2Y

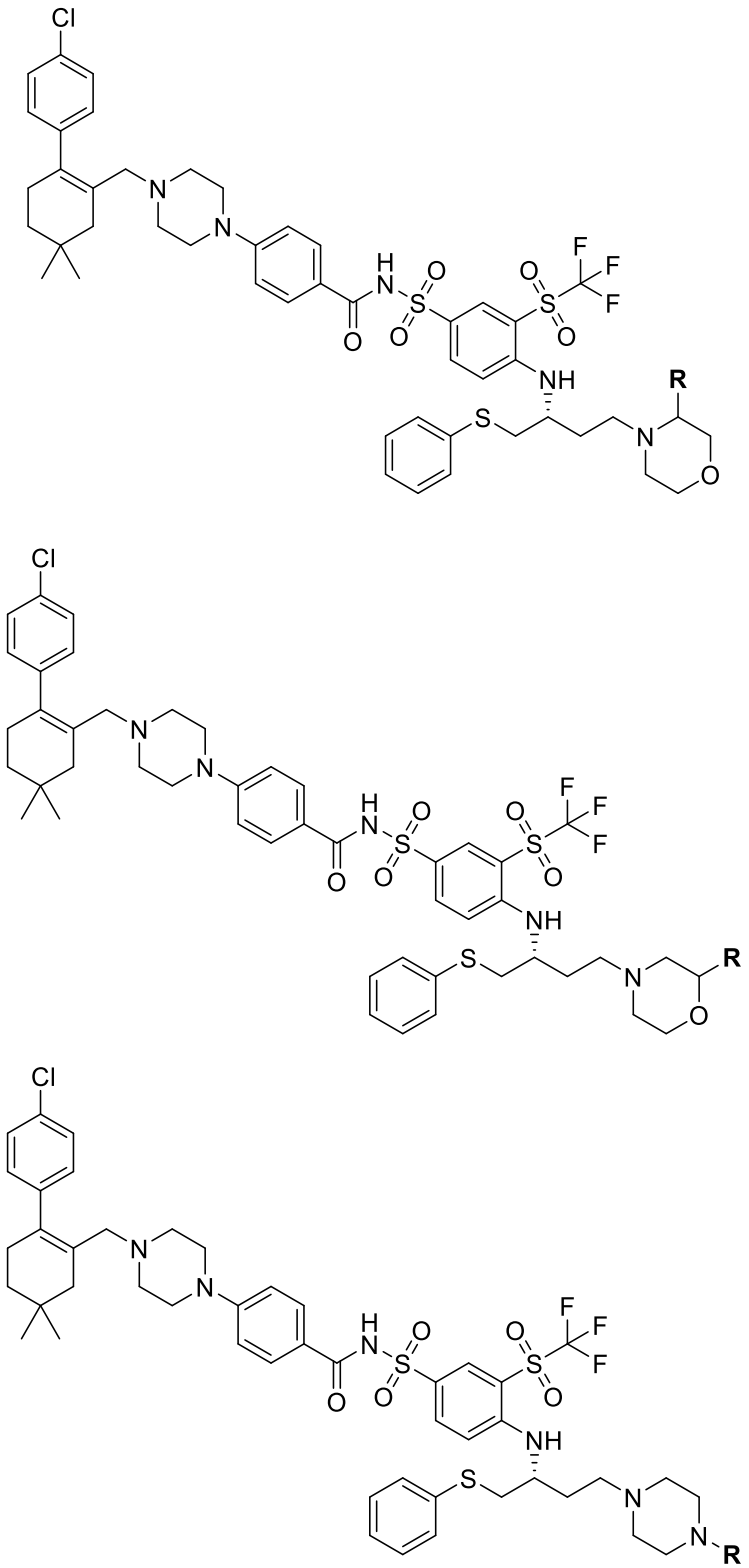
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FIG. 2Z

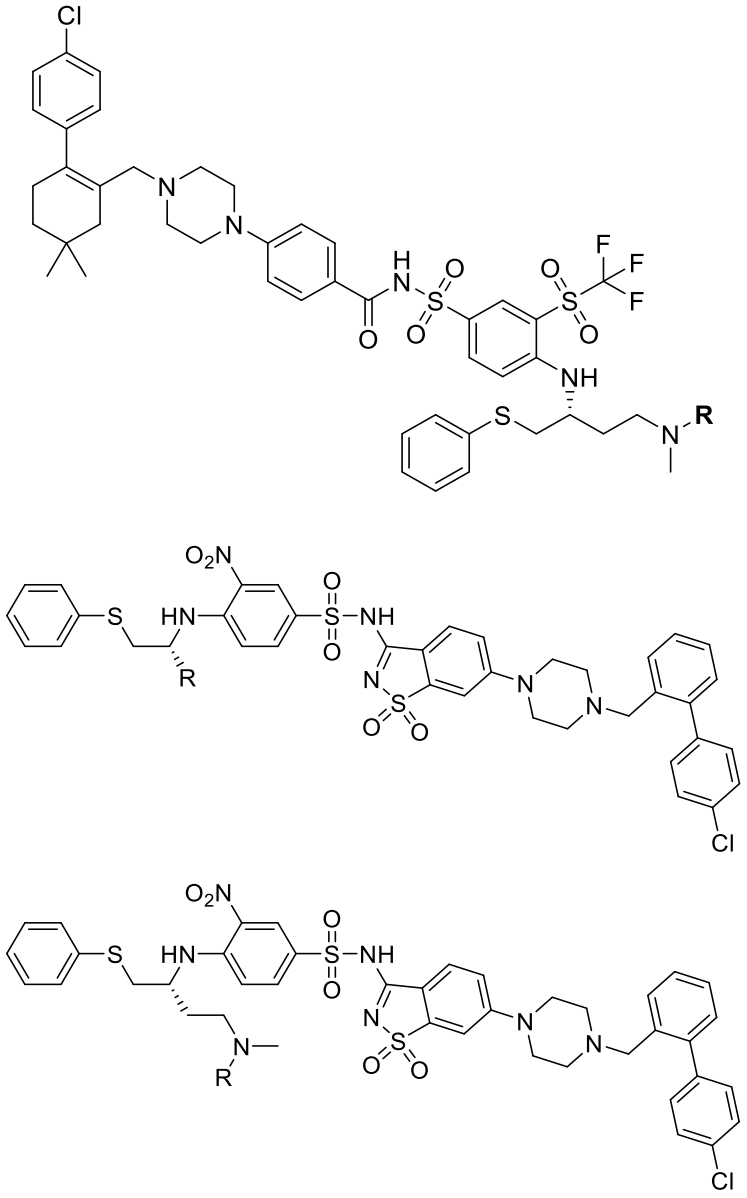


FIG. 2AA

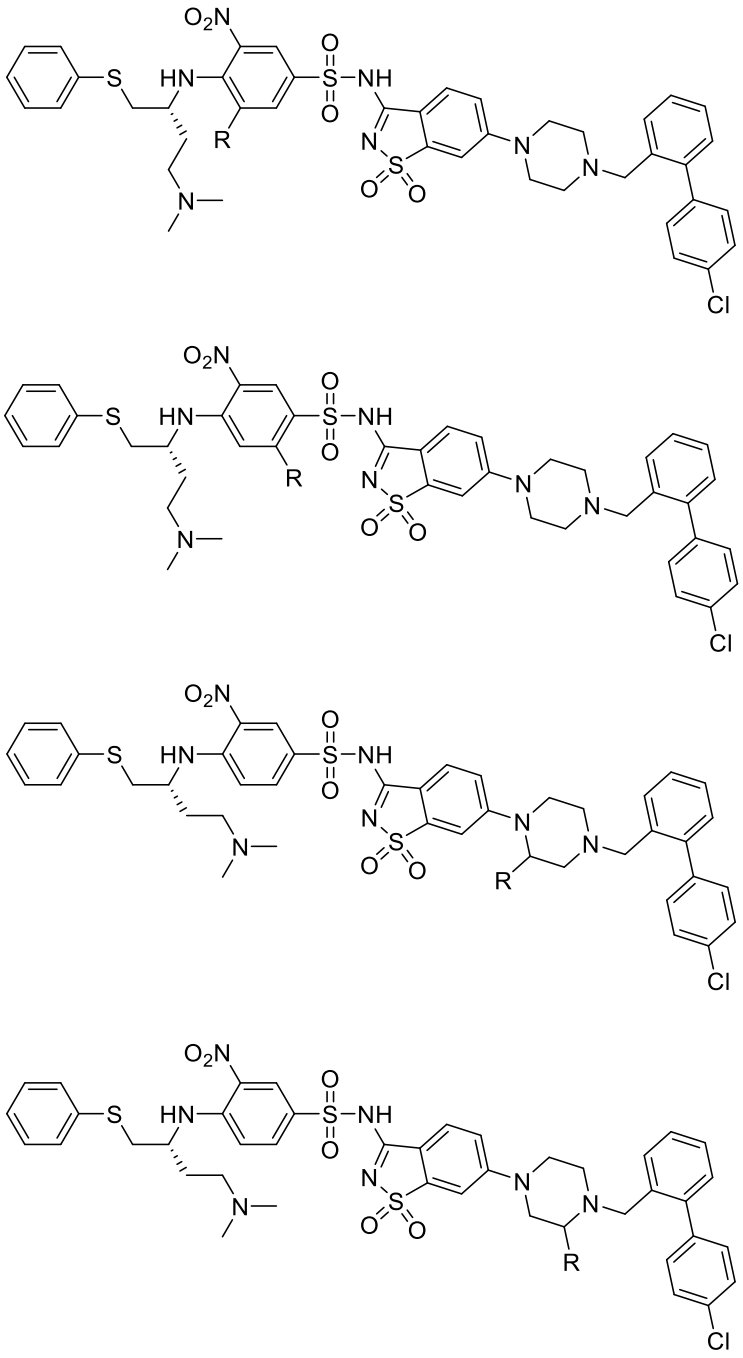
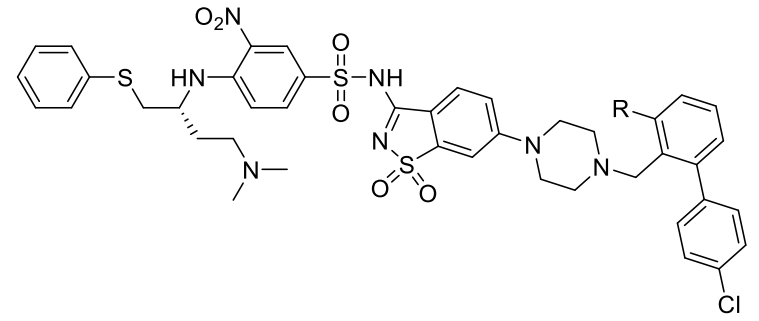
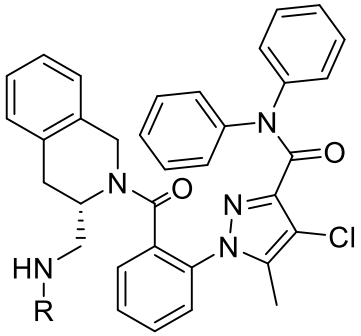
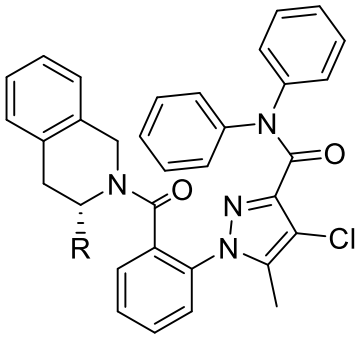
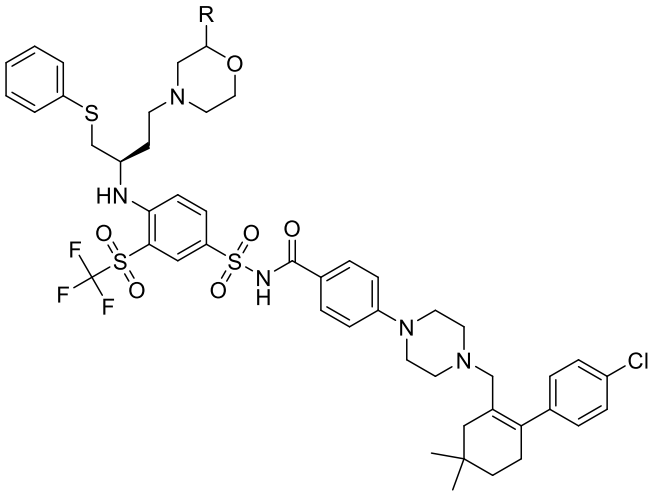


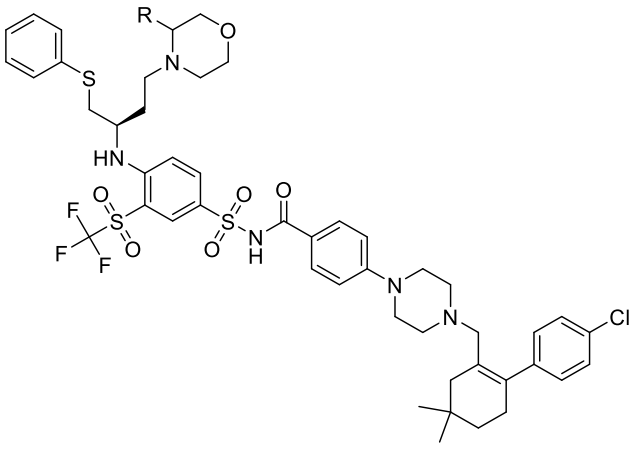
FIG. 2BB











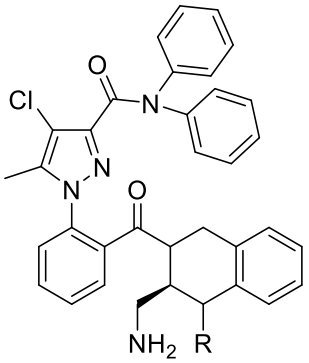
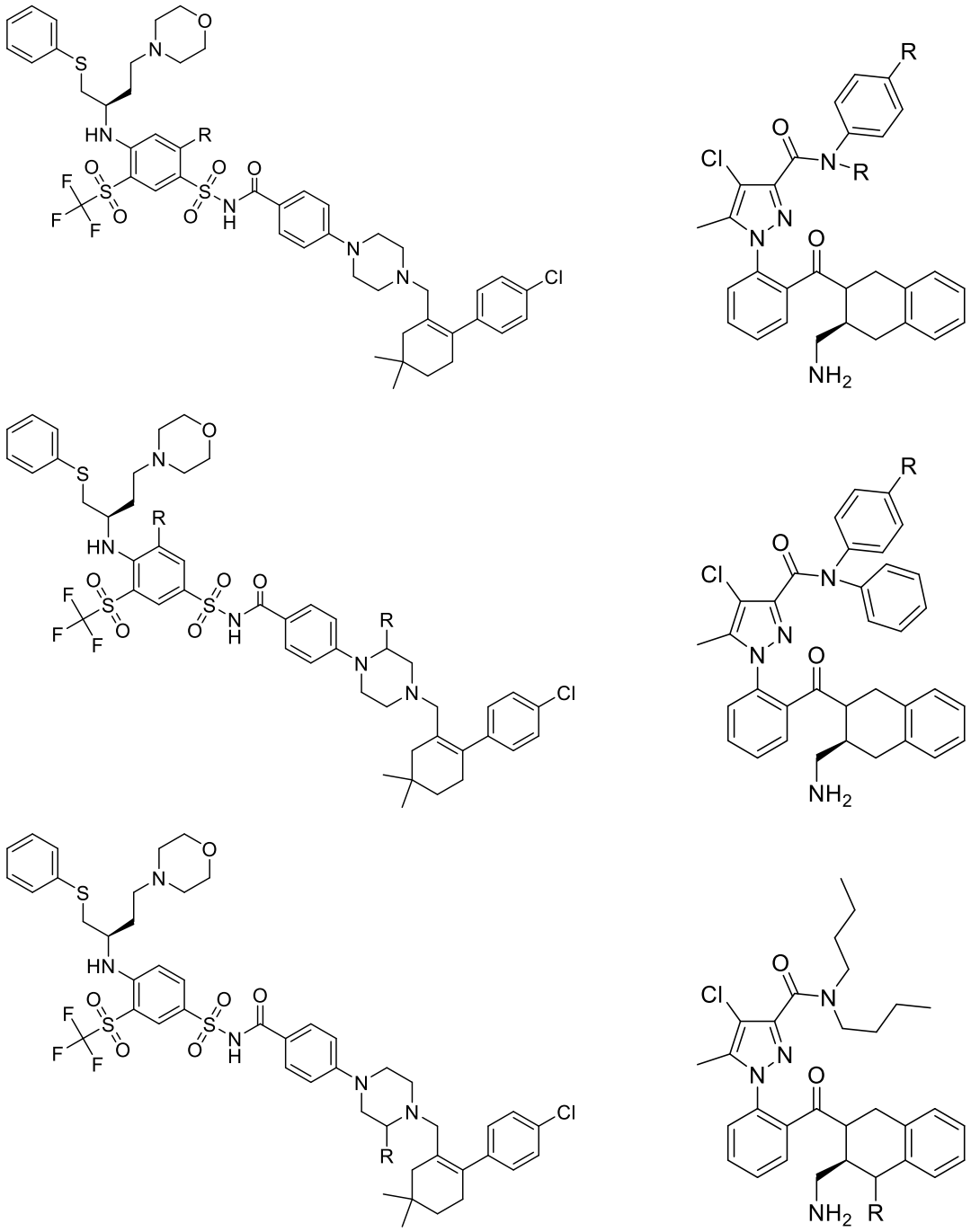


FIG. 2CC



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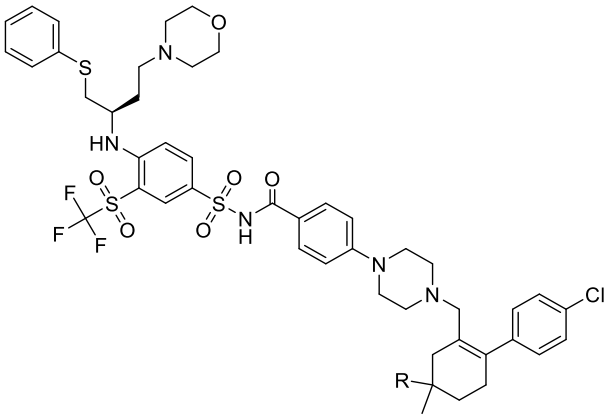

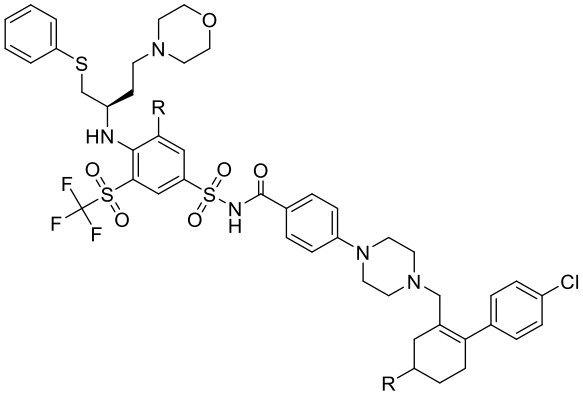

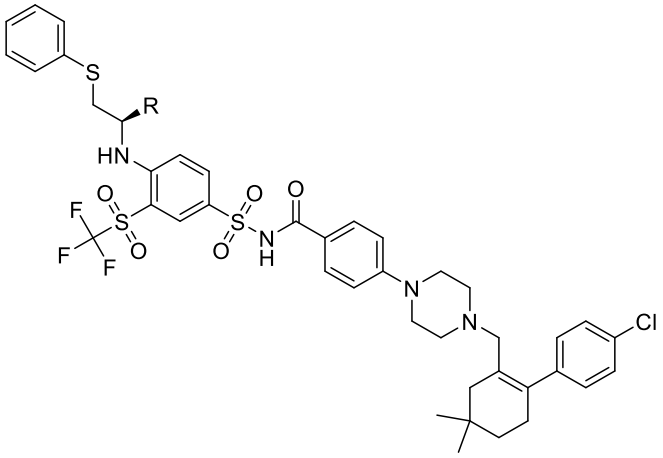

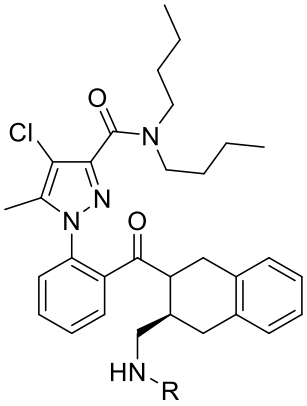

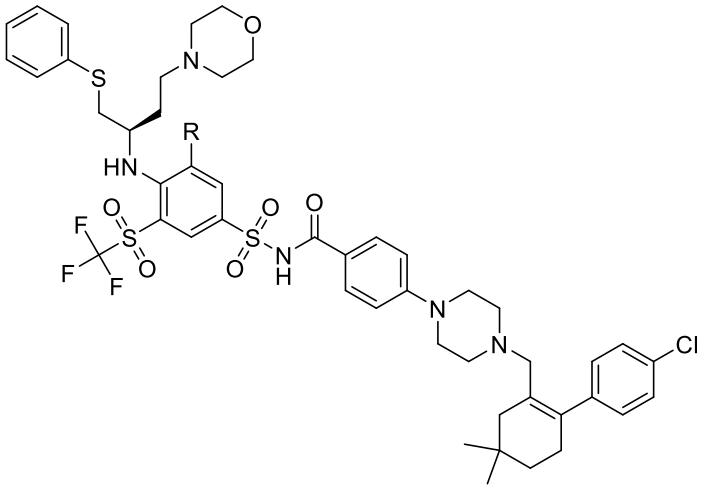

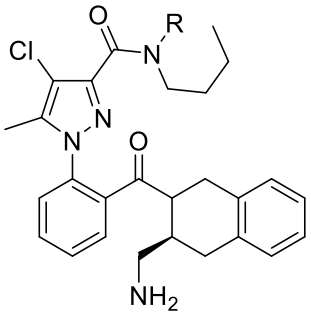

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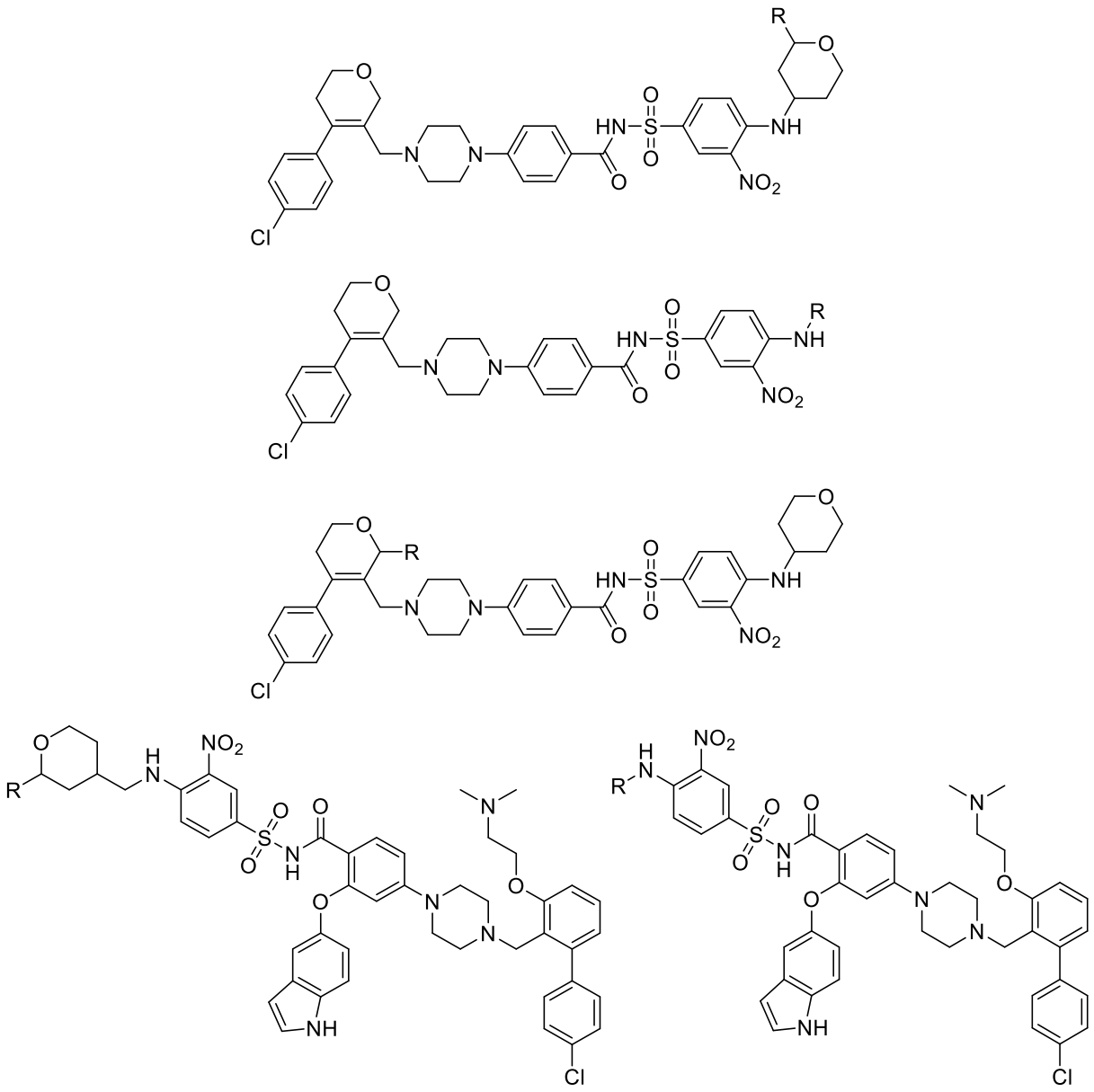

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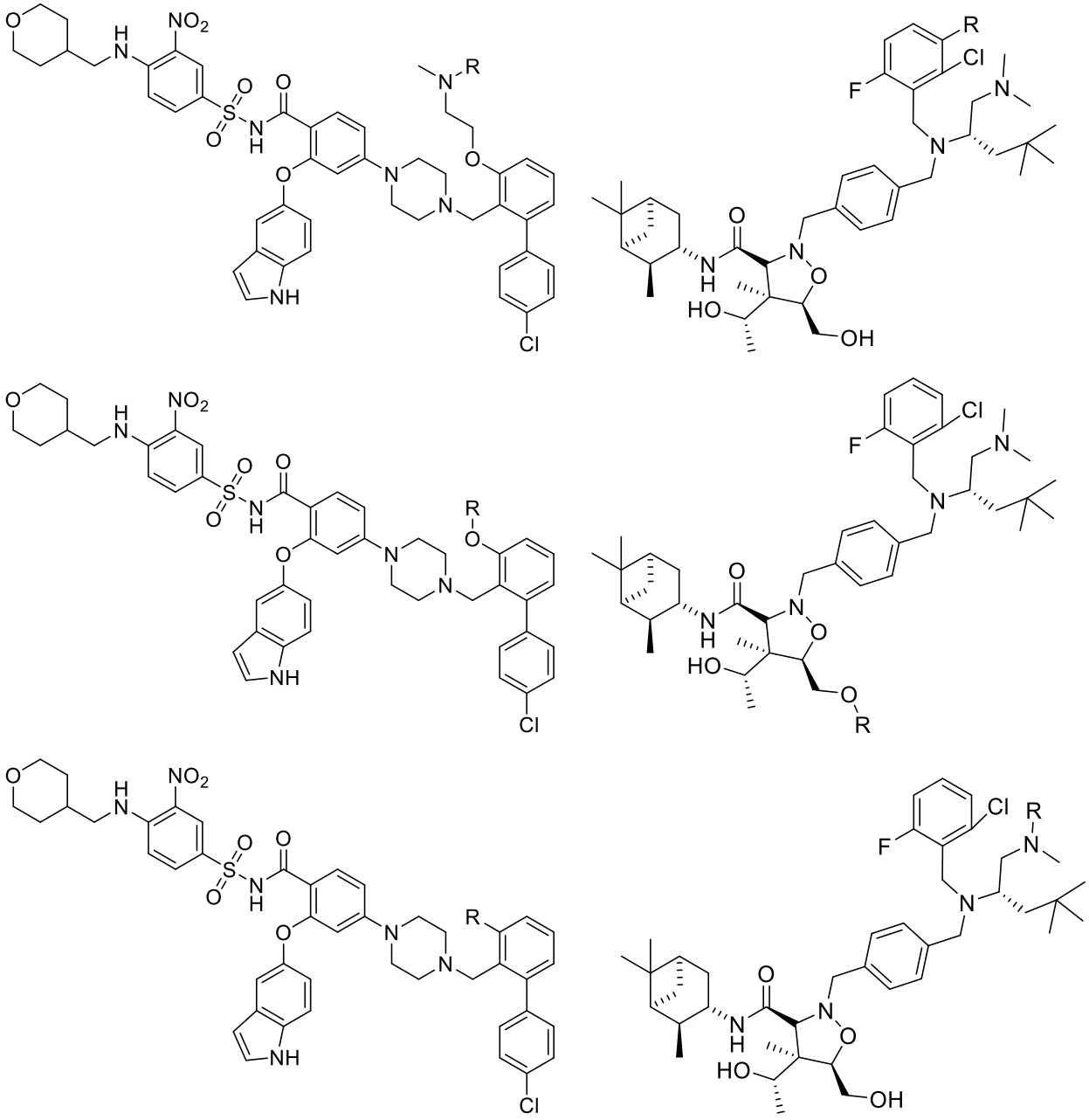
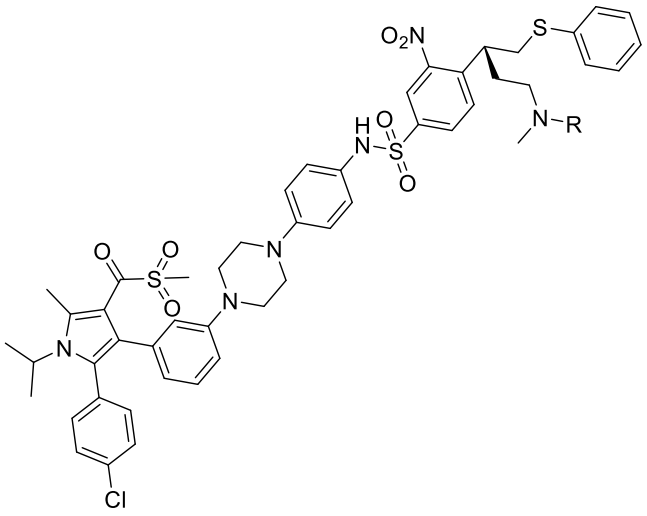
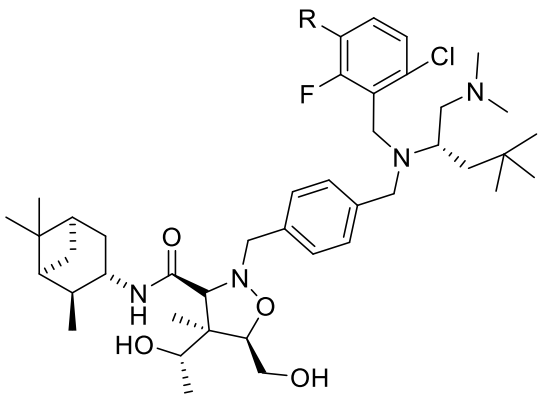
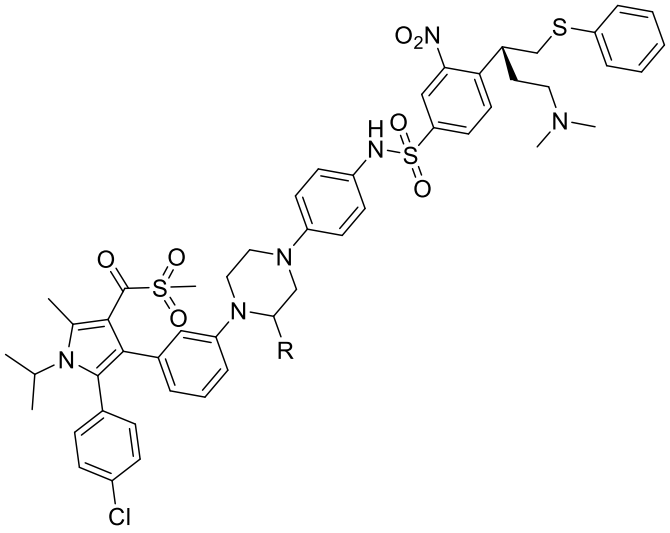
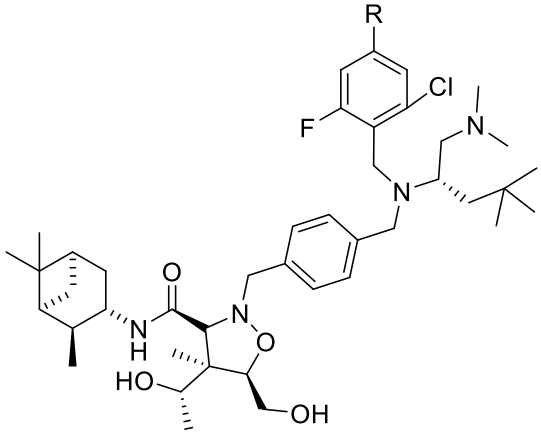


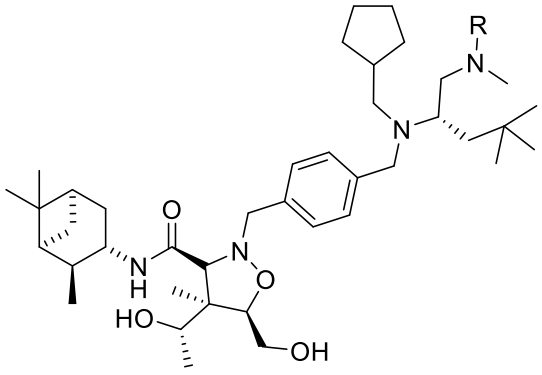
FIG. 2GG











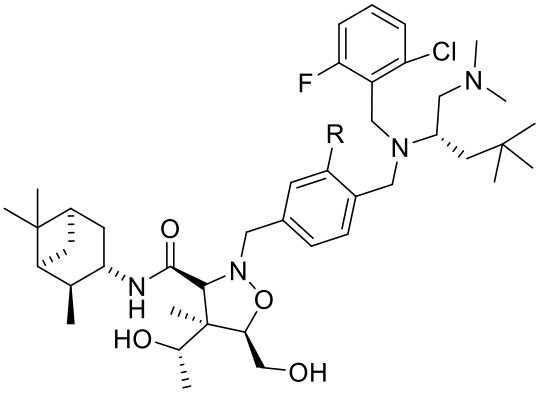
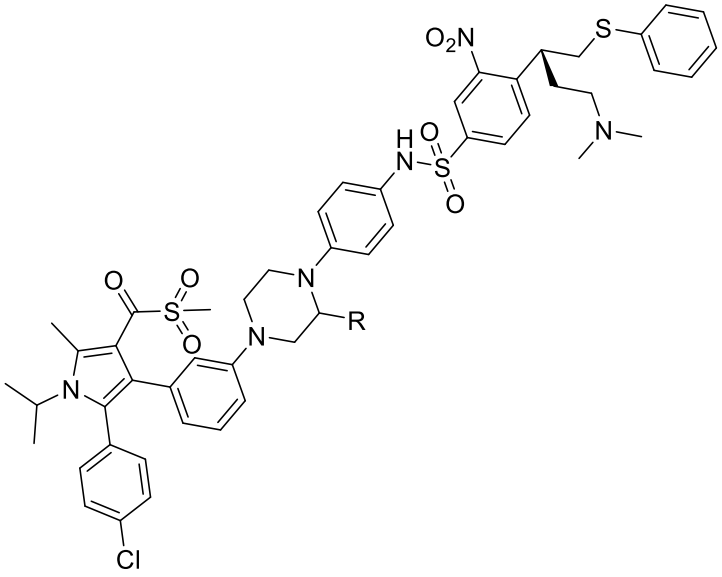
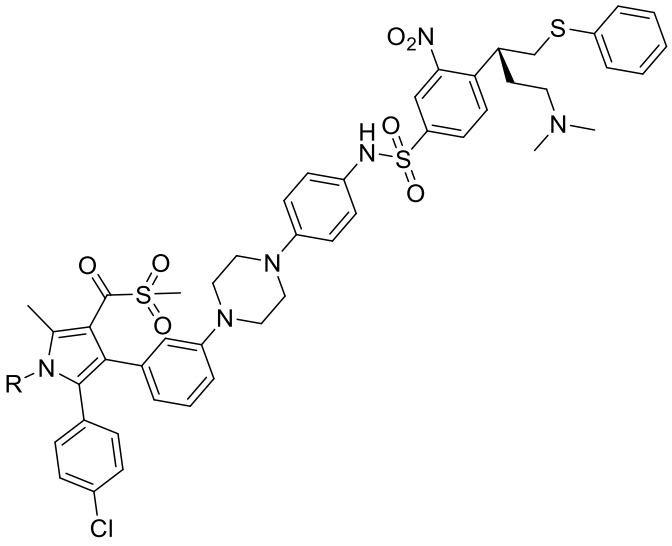
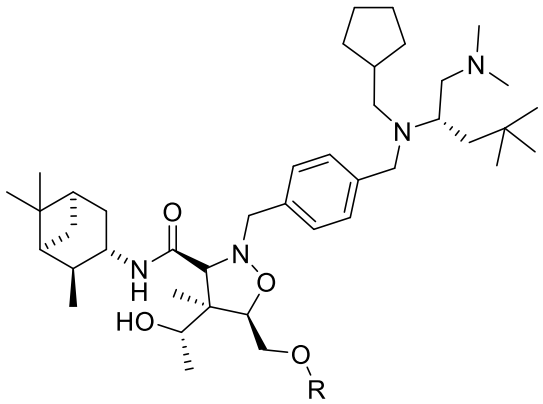


FIG. 2HH







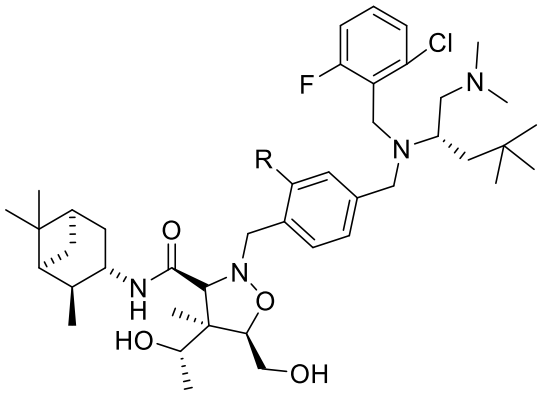
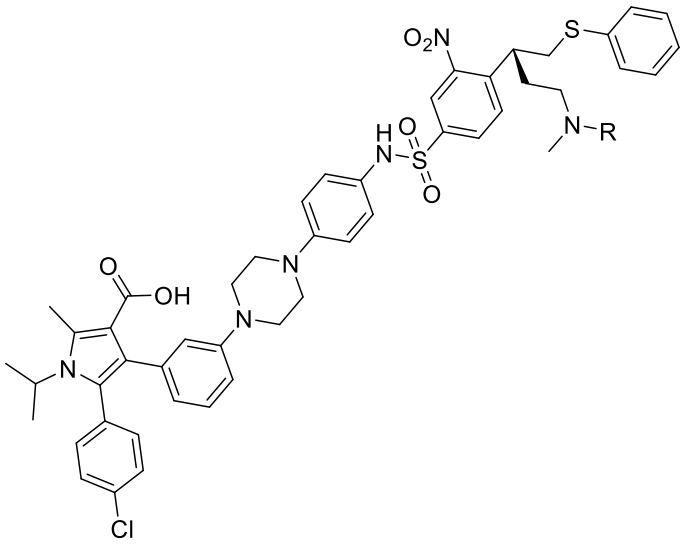


FIG. 2II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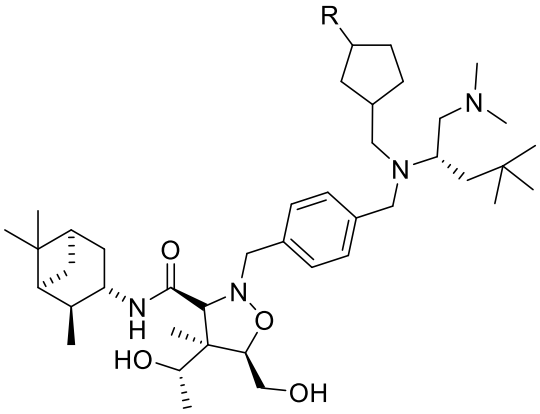
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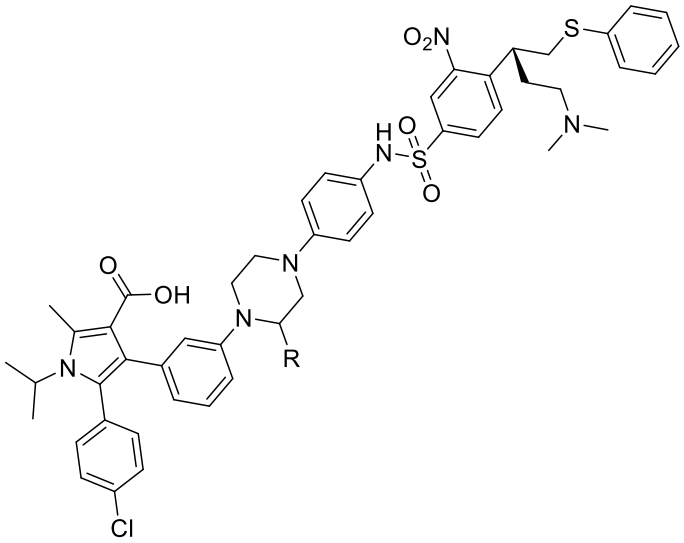
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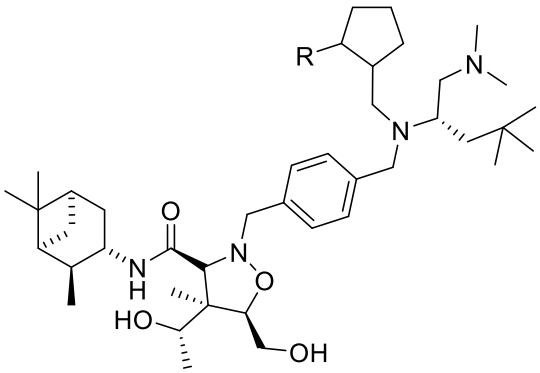
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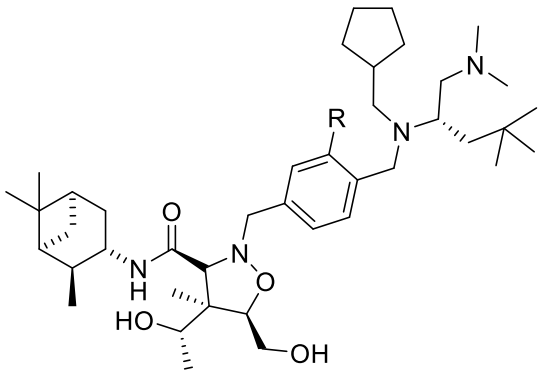
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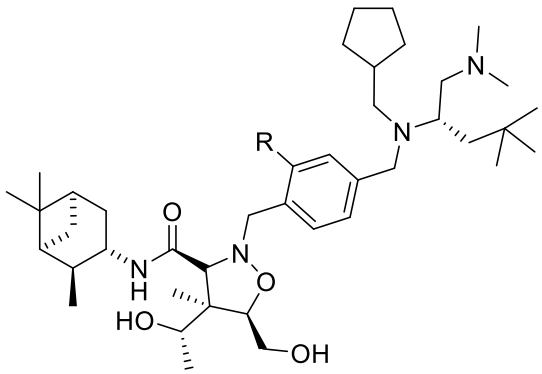
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FIG. 2JJ

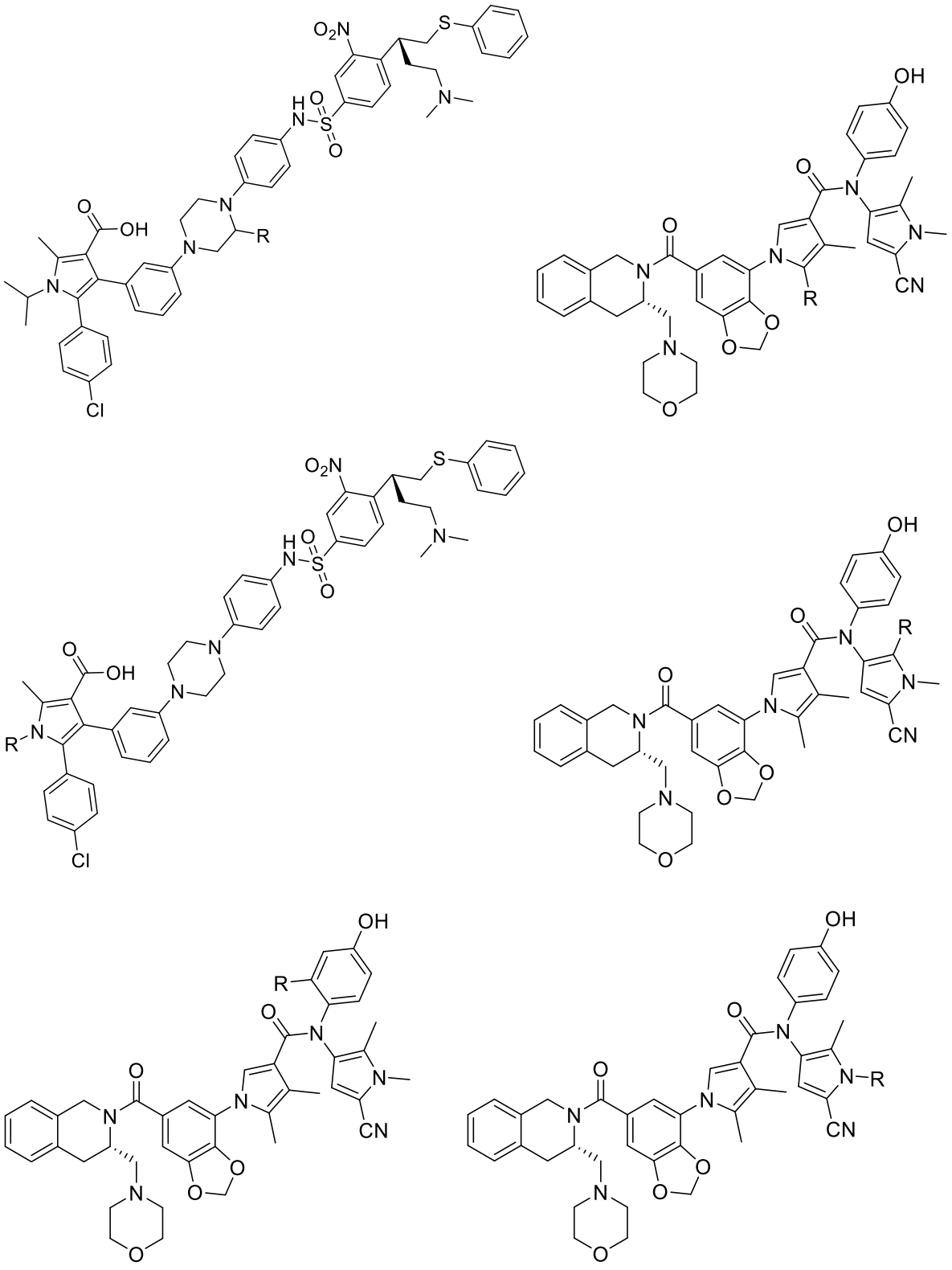
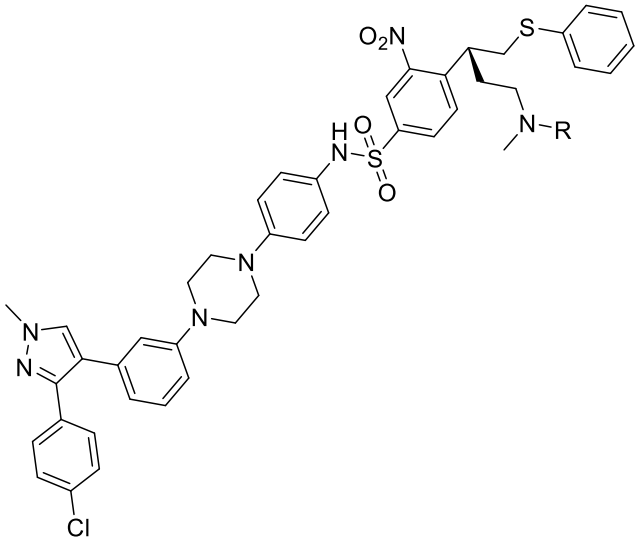
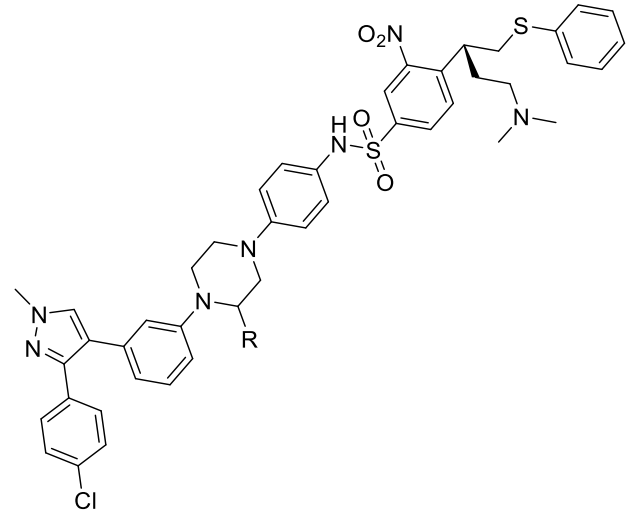
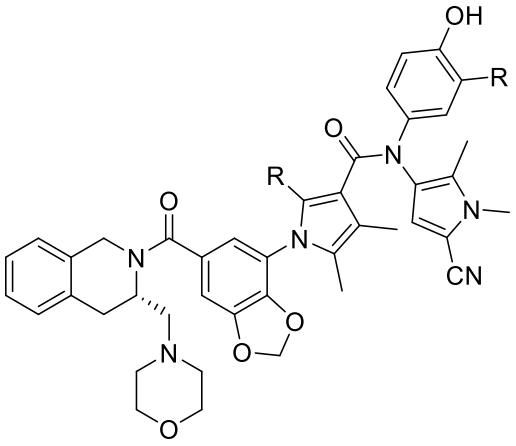


FIG. 2KK







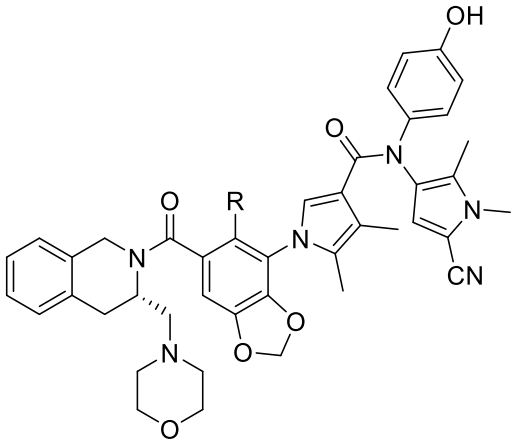


FIG. 2LL

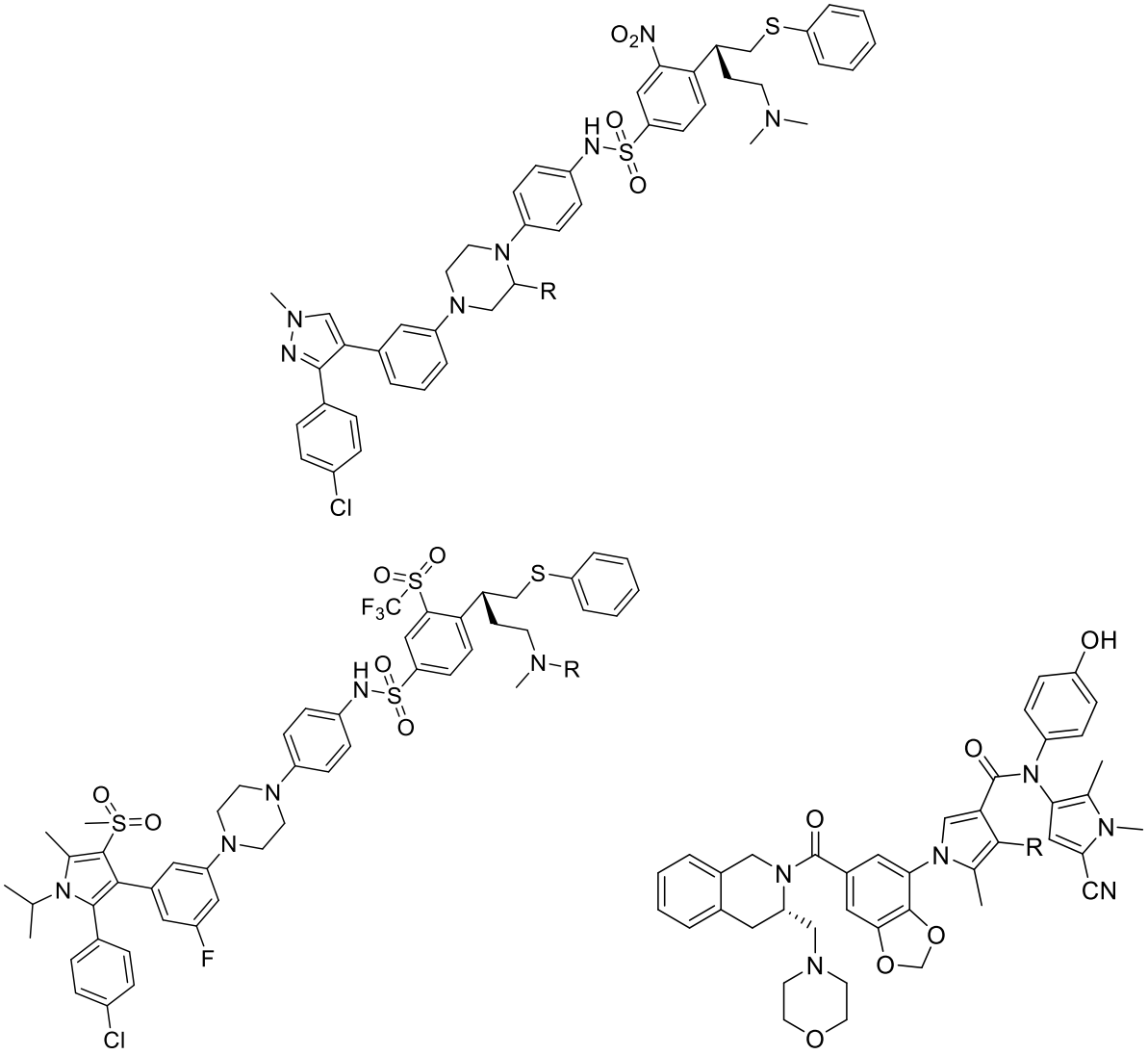
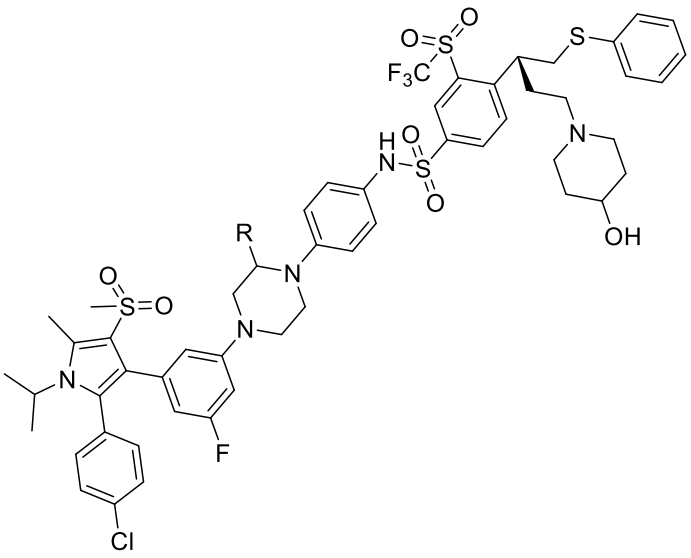
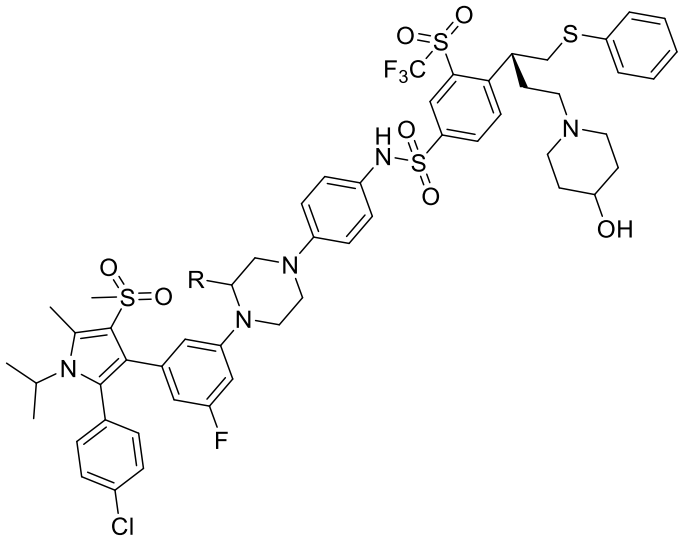


FIG. 2MM





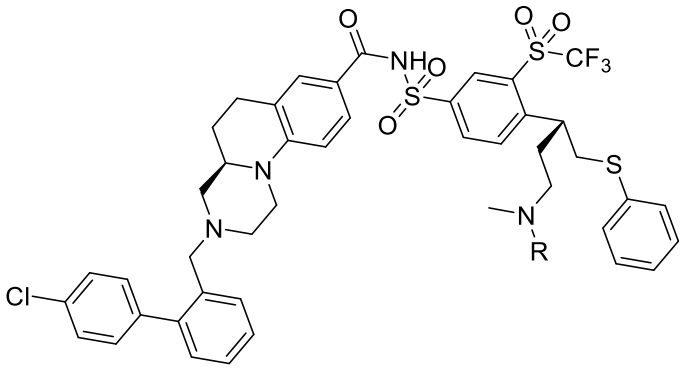


FIG. 2NN

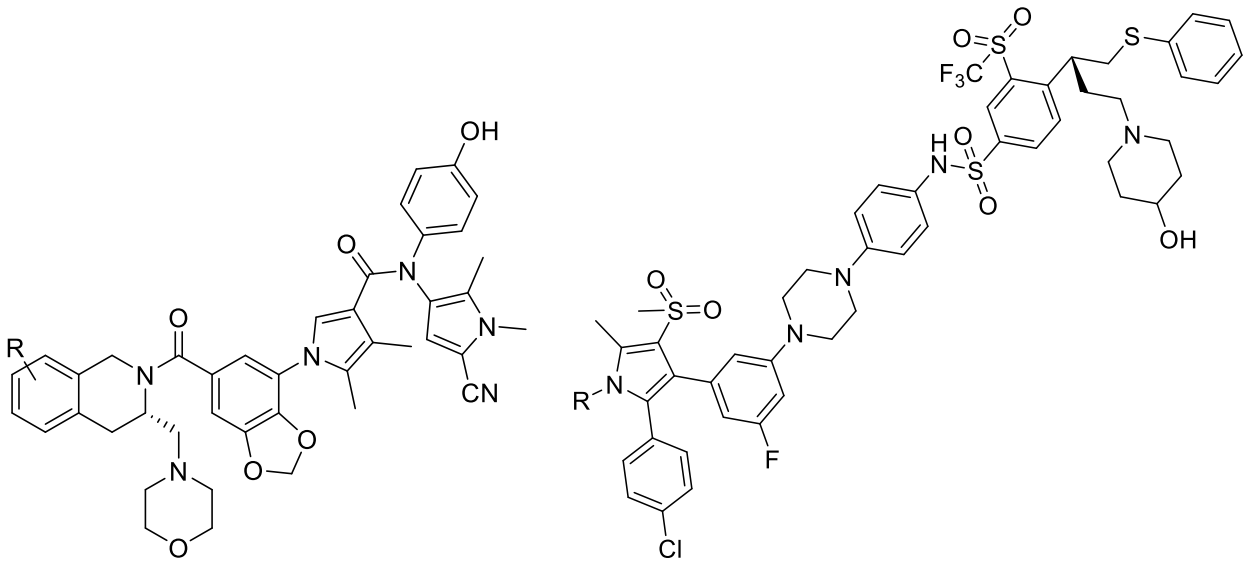


FIG. 2OO

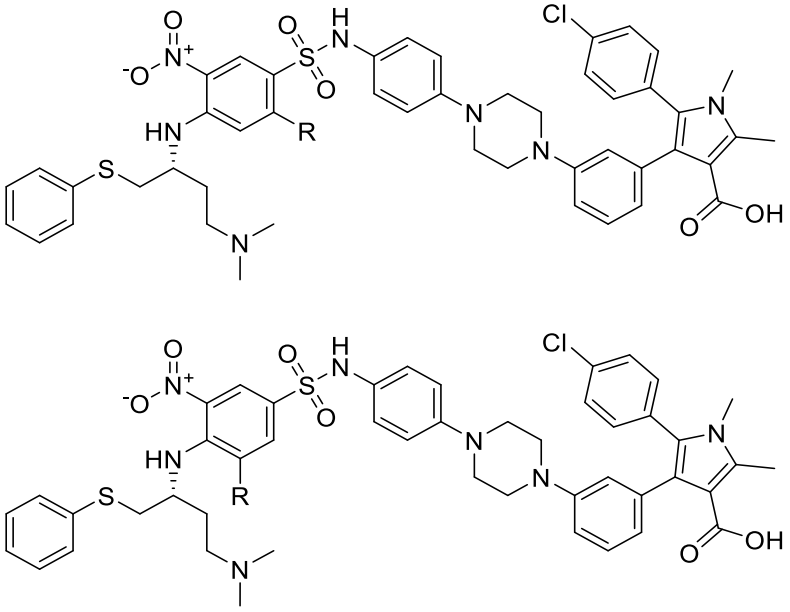


FIG. 2PP

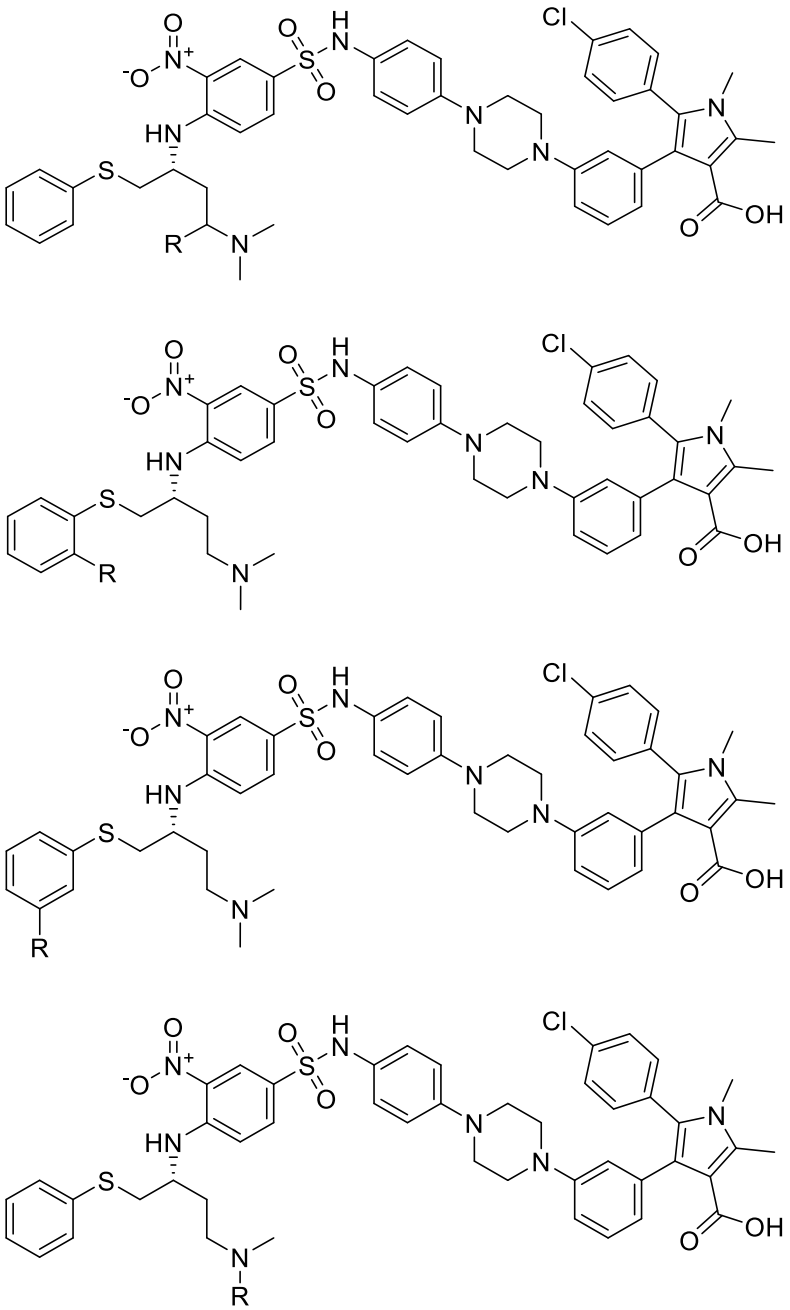
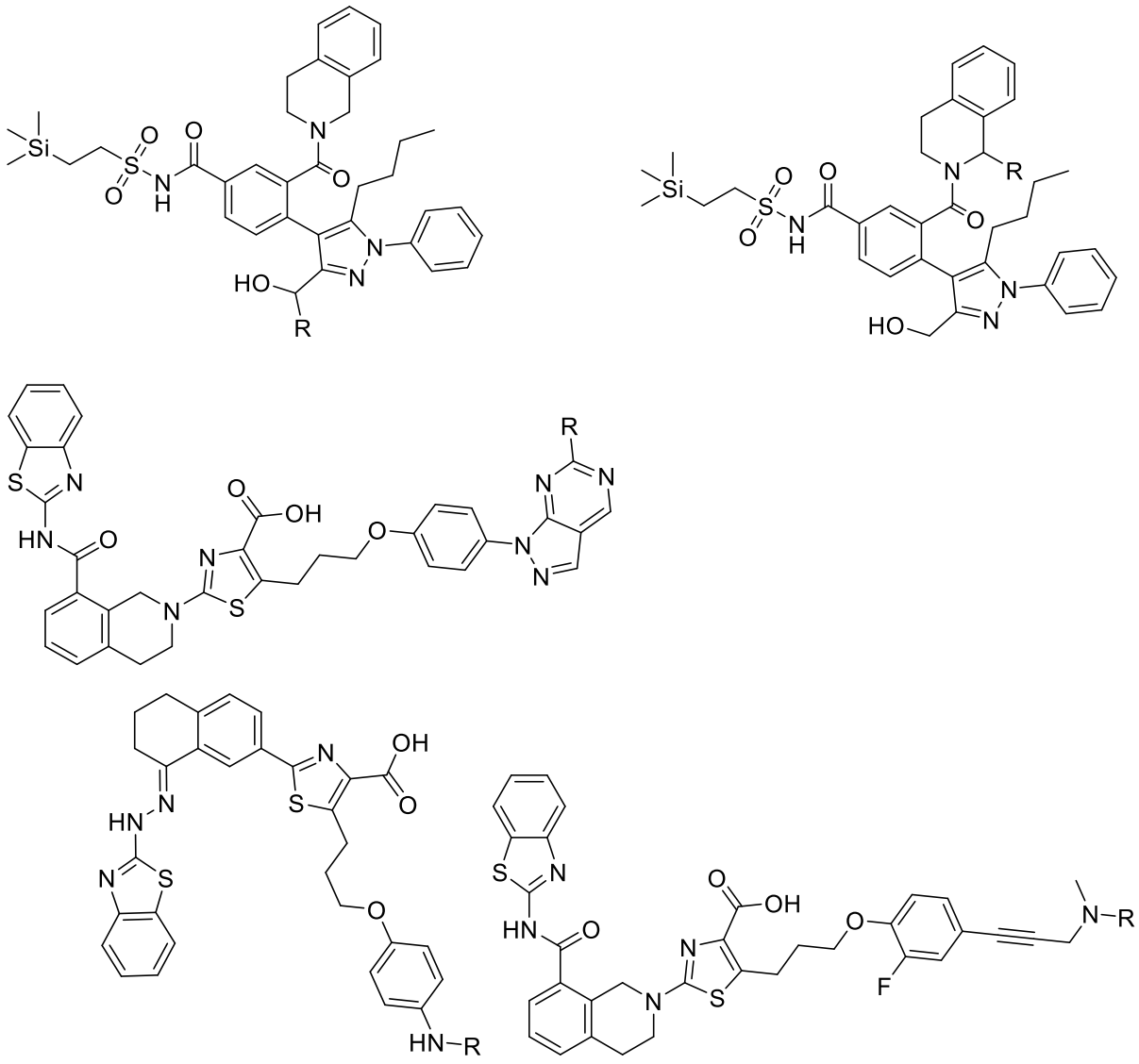


FIG. 2QQ



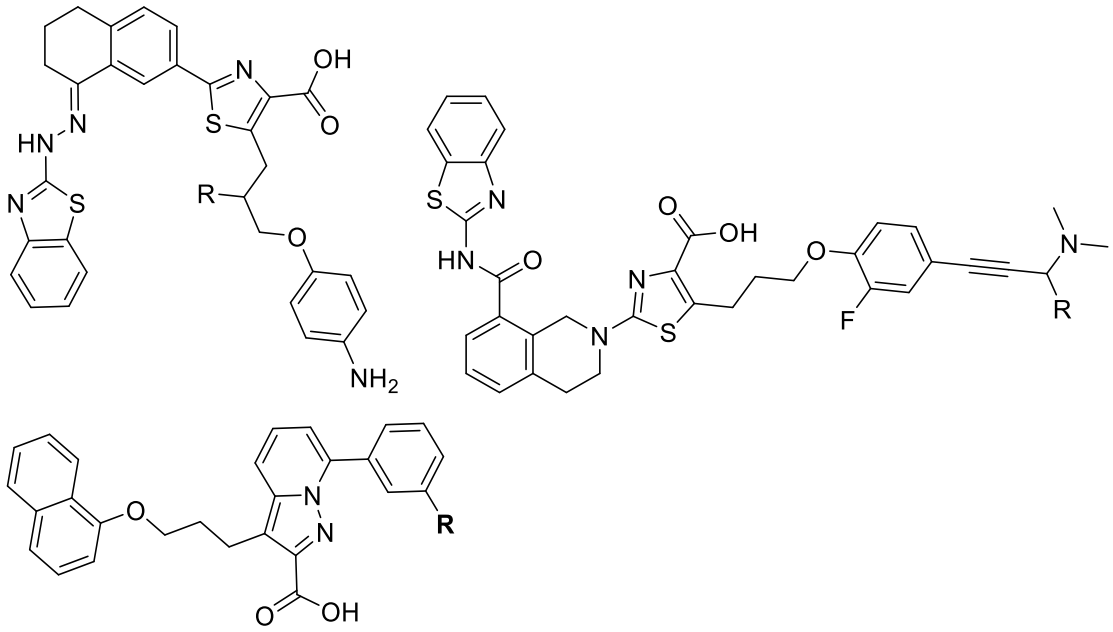
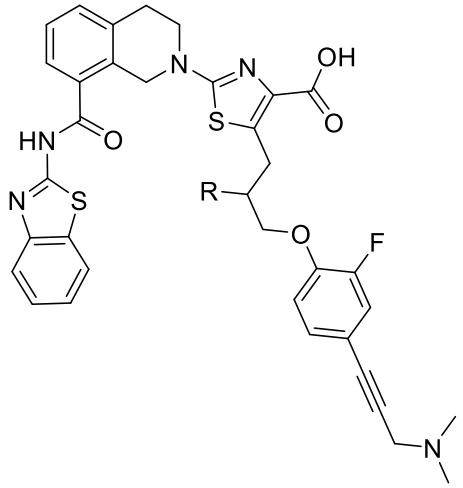
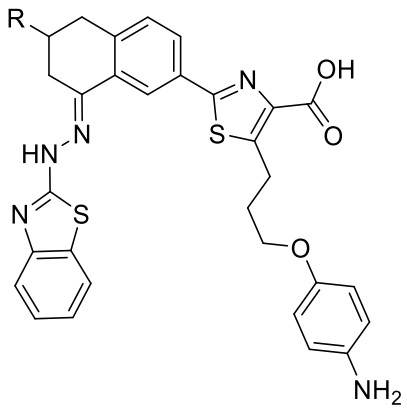
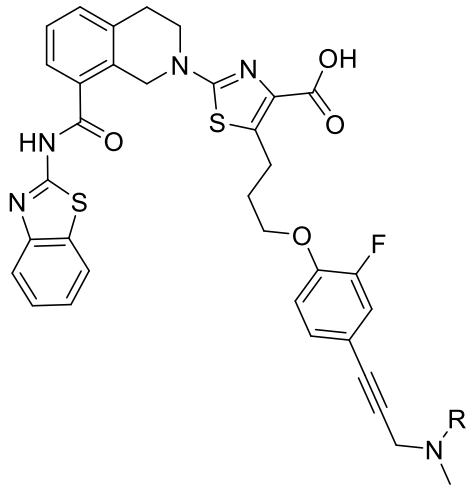
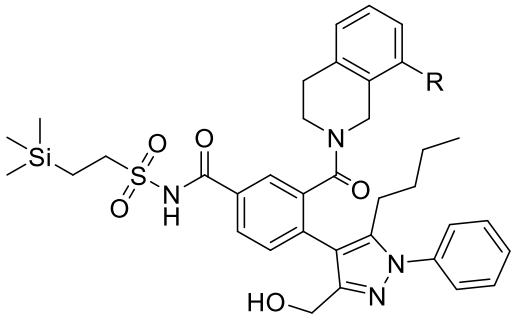


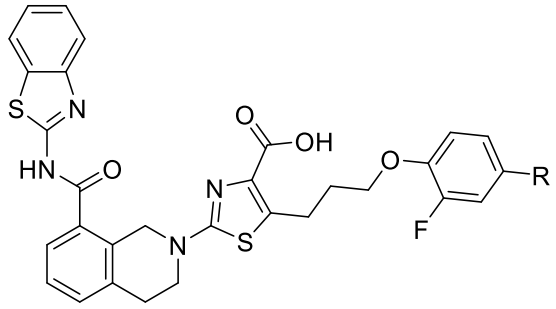
FIG. 2RR











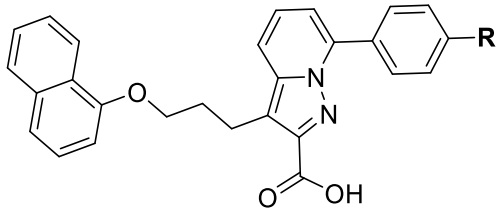
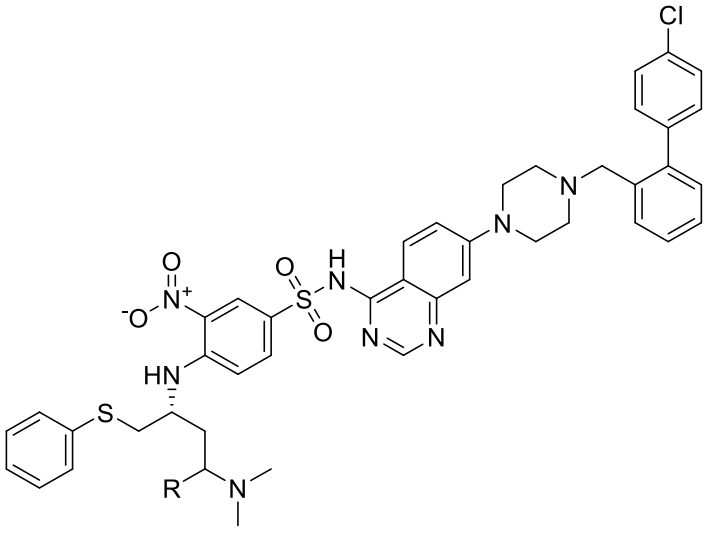


FIG. 2SS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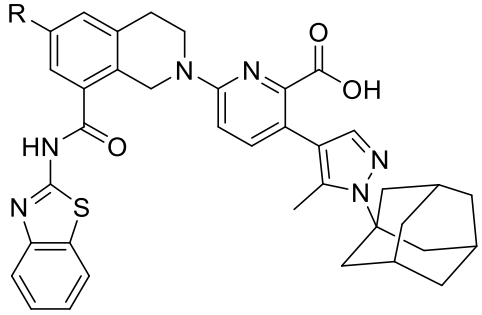
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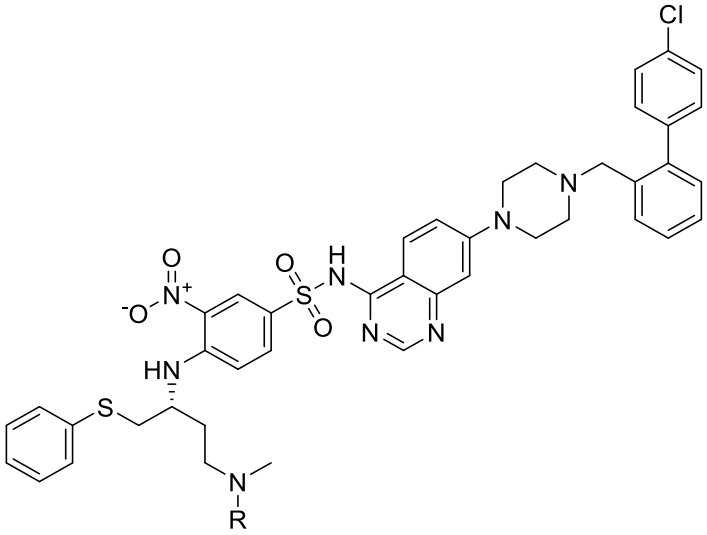
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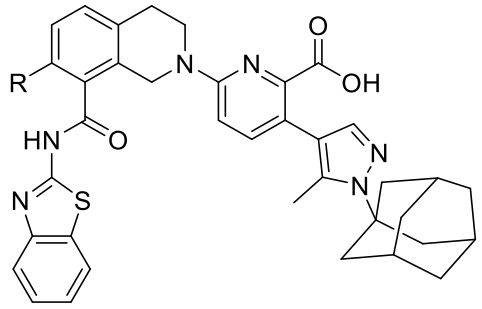
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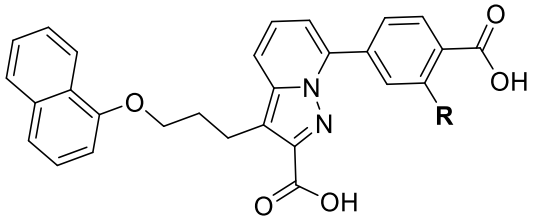
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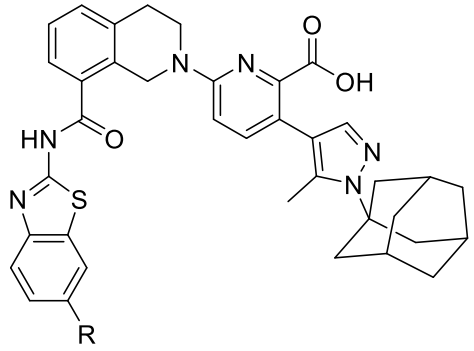
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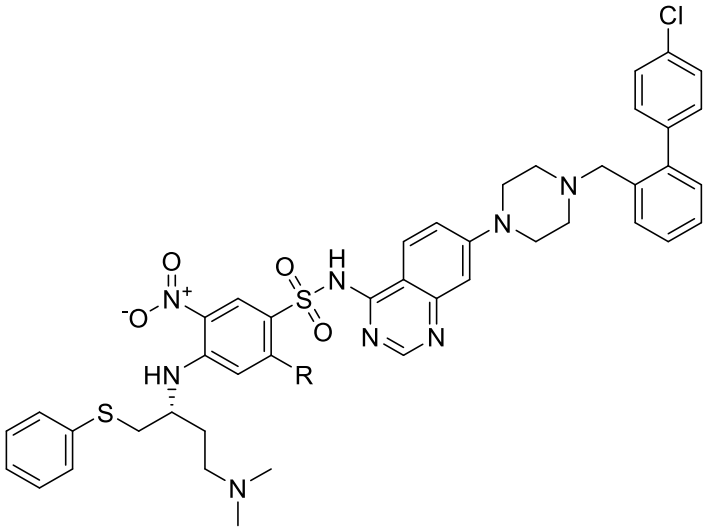
FIG. 2TT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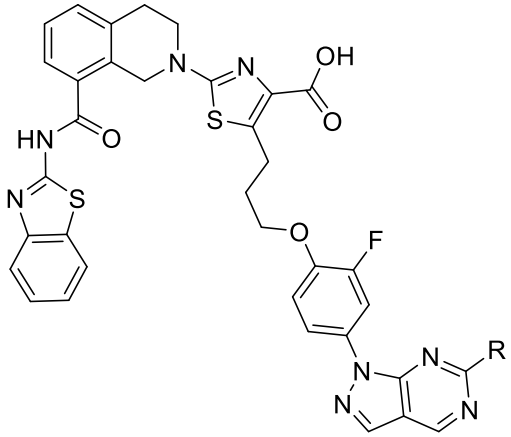
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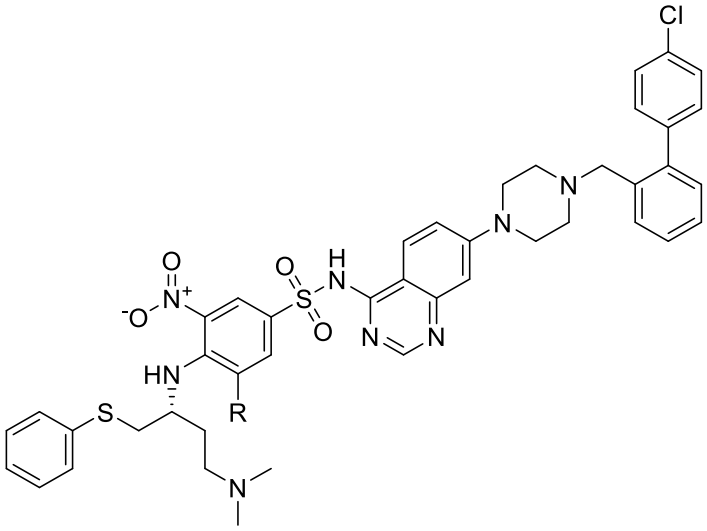
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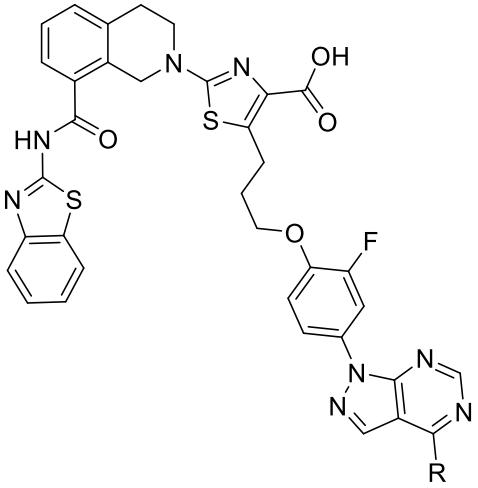
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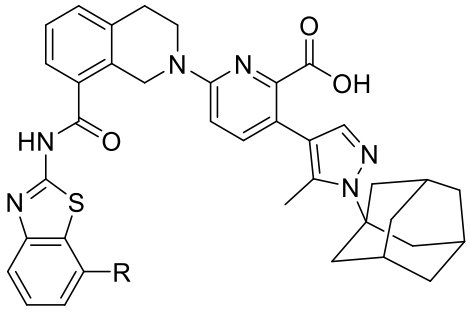
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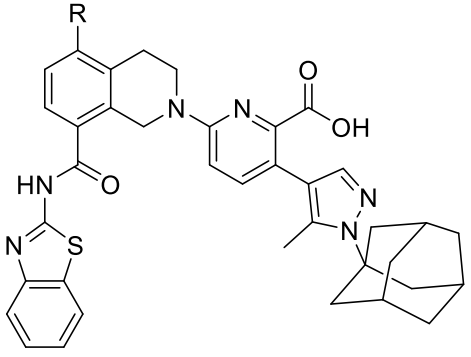
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FIG. 2UU

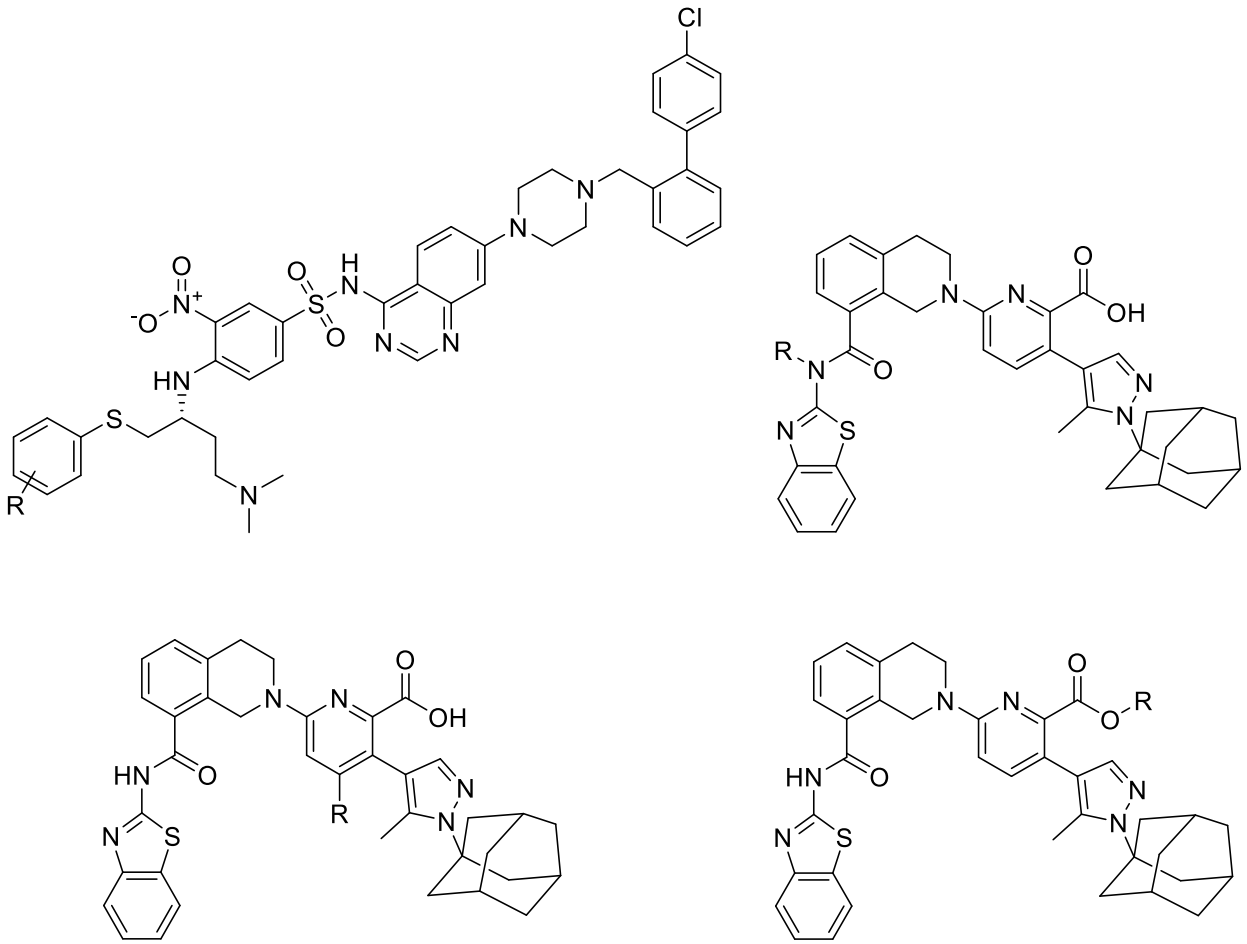


FIG. 2VV

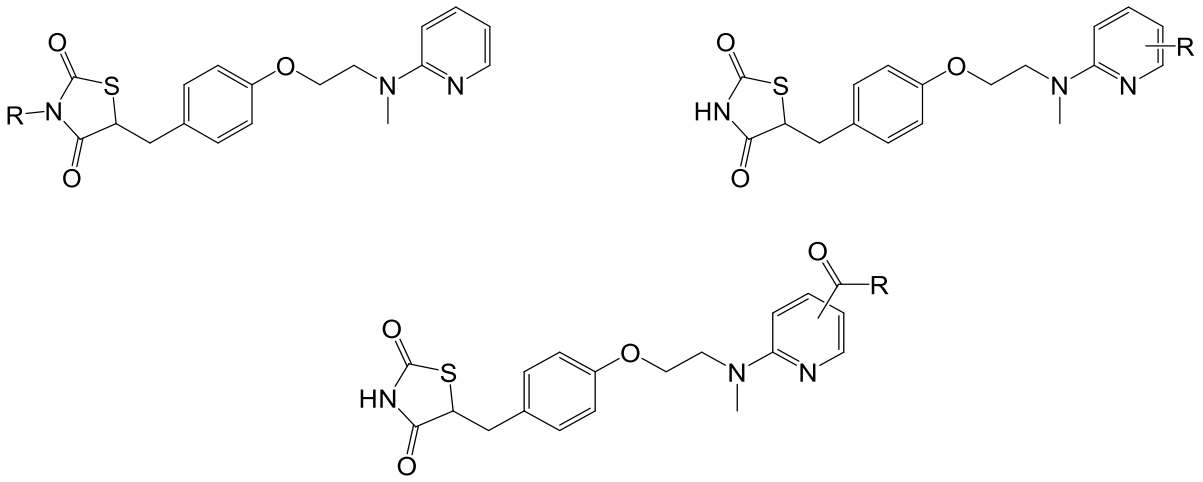


FIG. 2WW

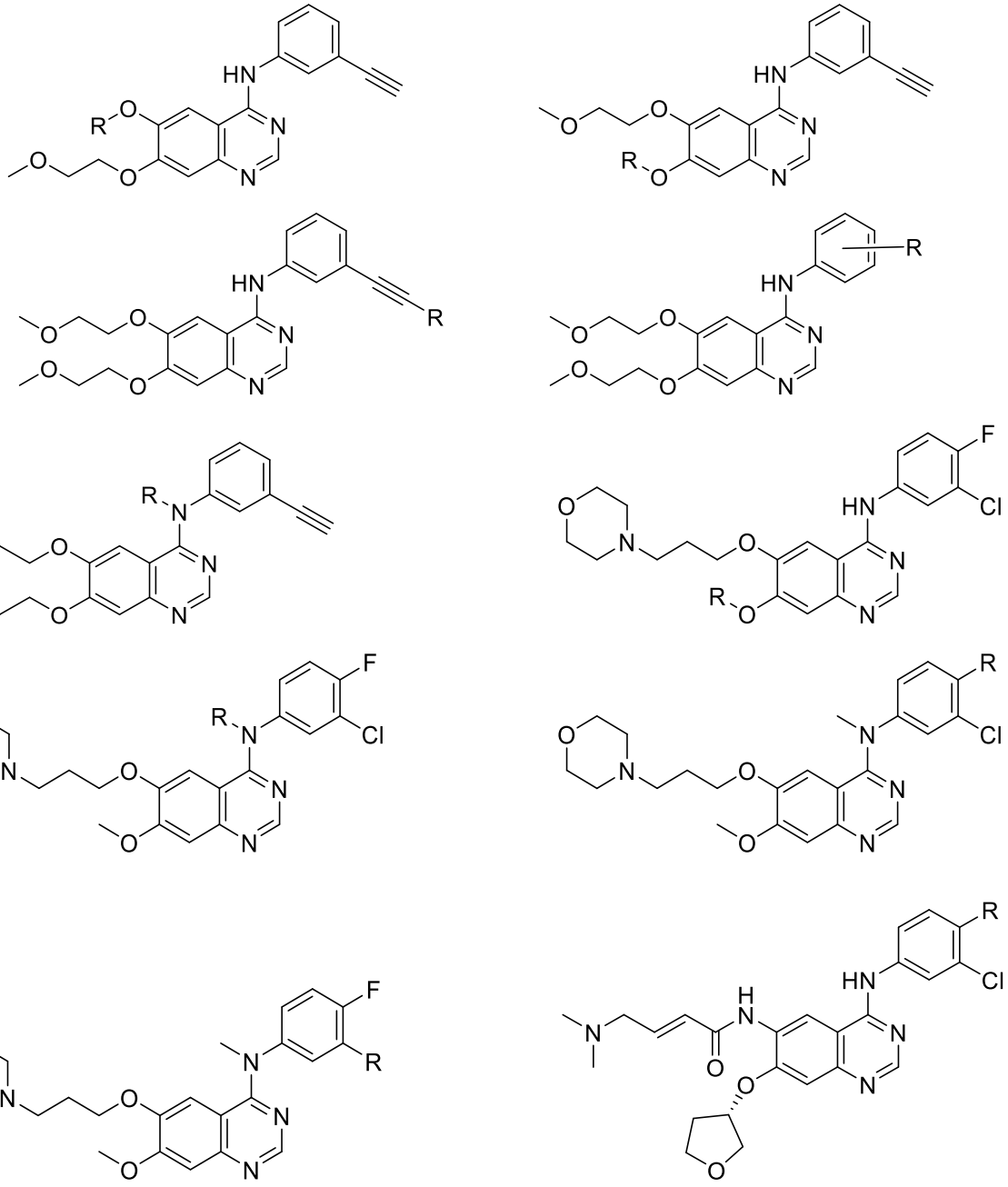
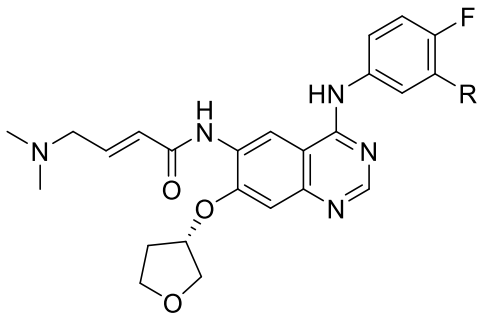
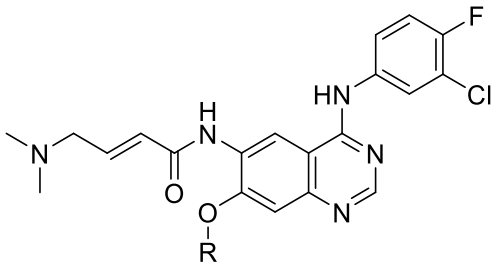
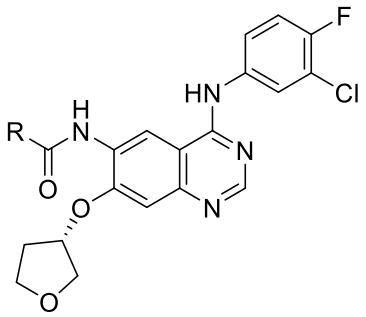
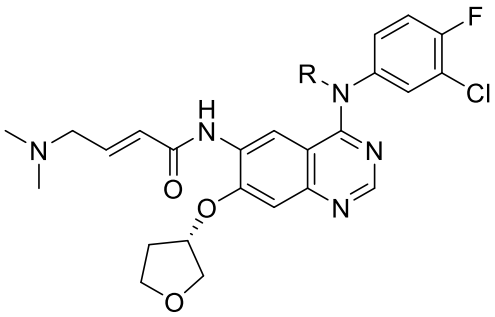


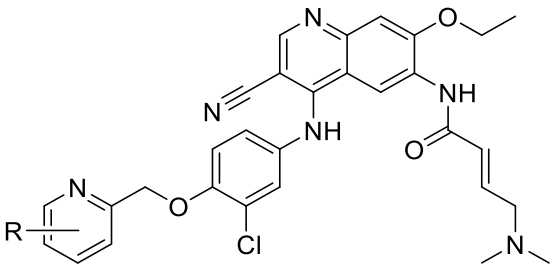
FIG. 2XX

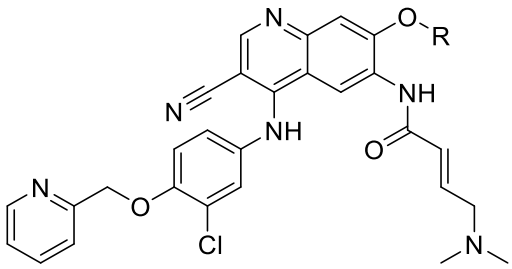


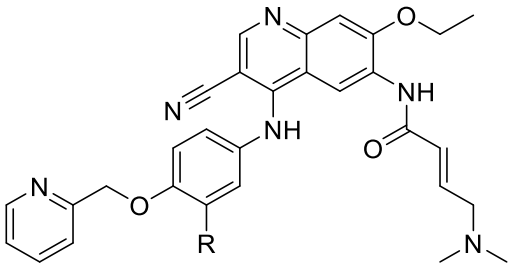


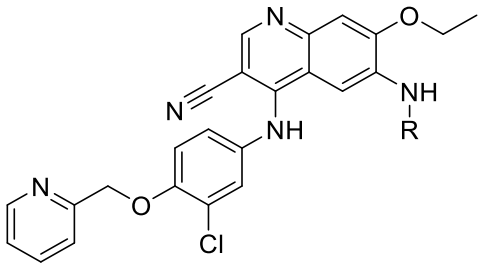












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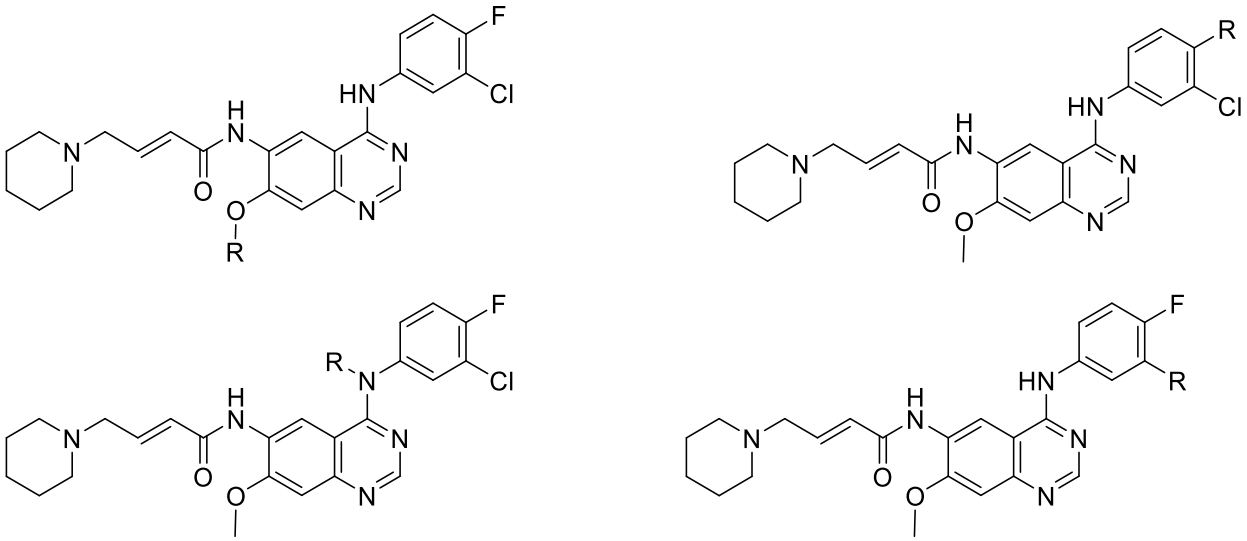
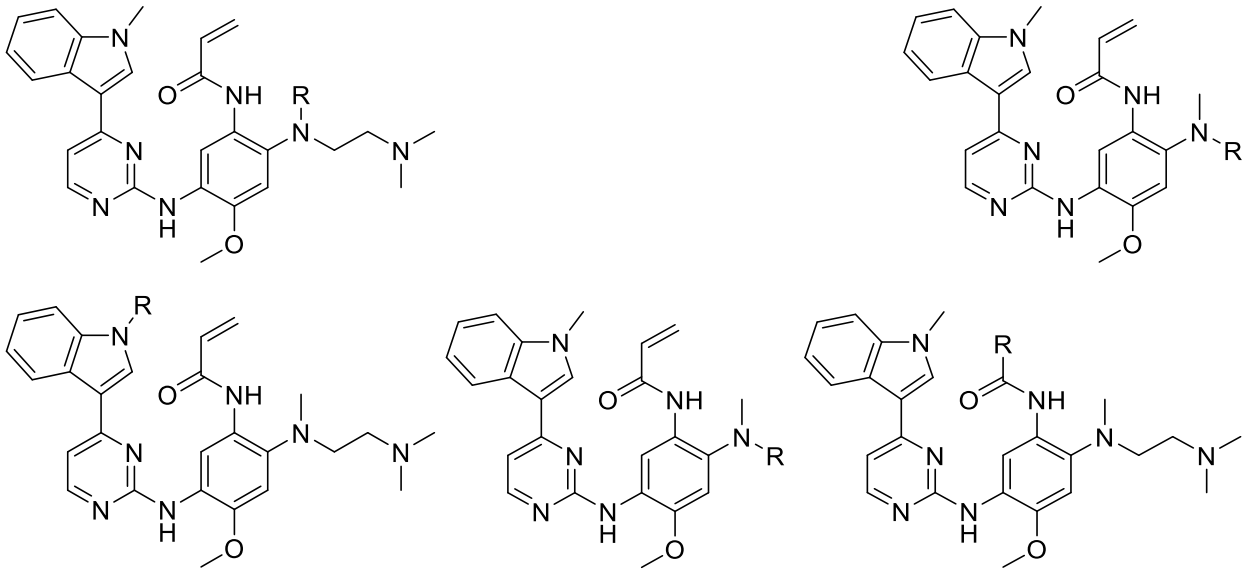


FIG. 2ZZ



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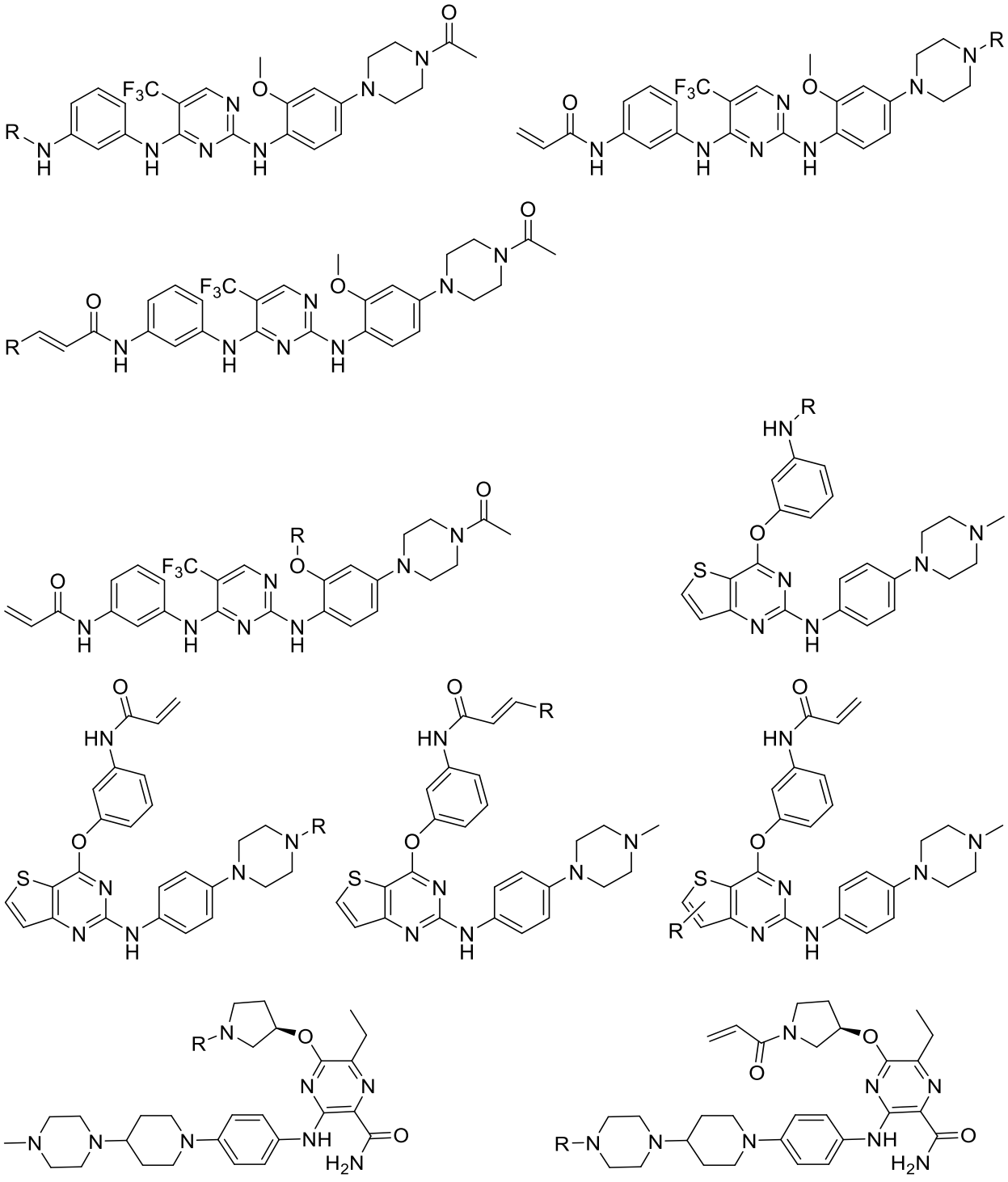

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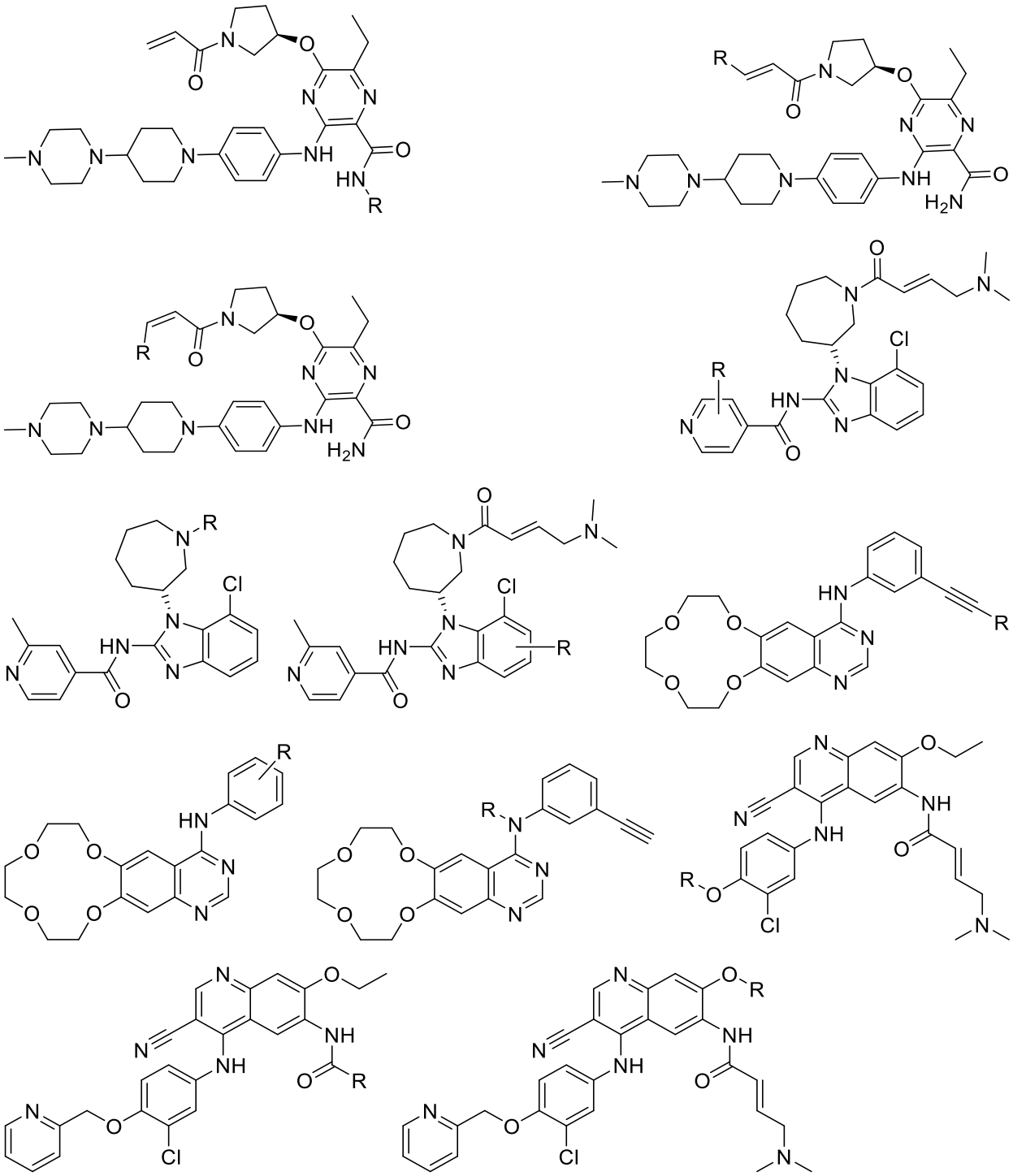
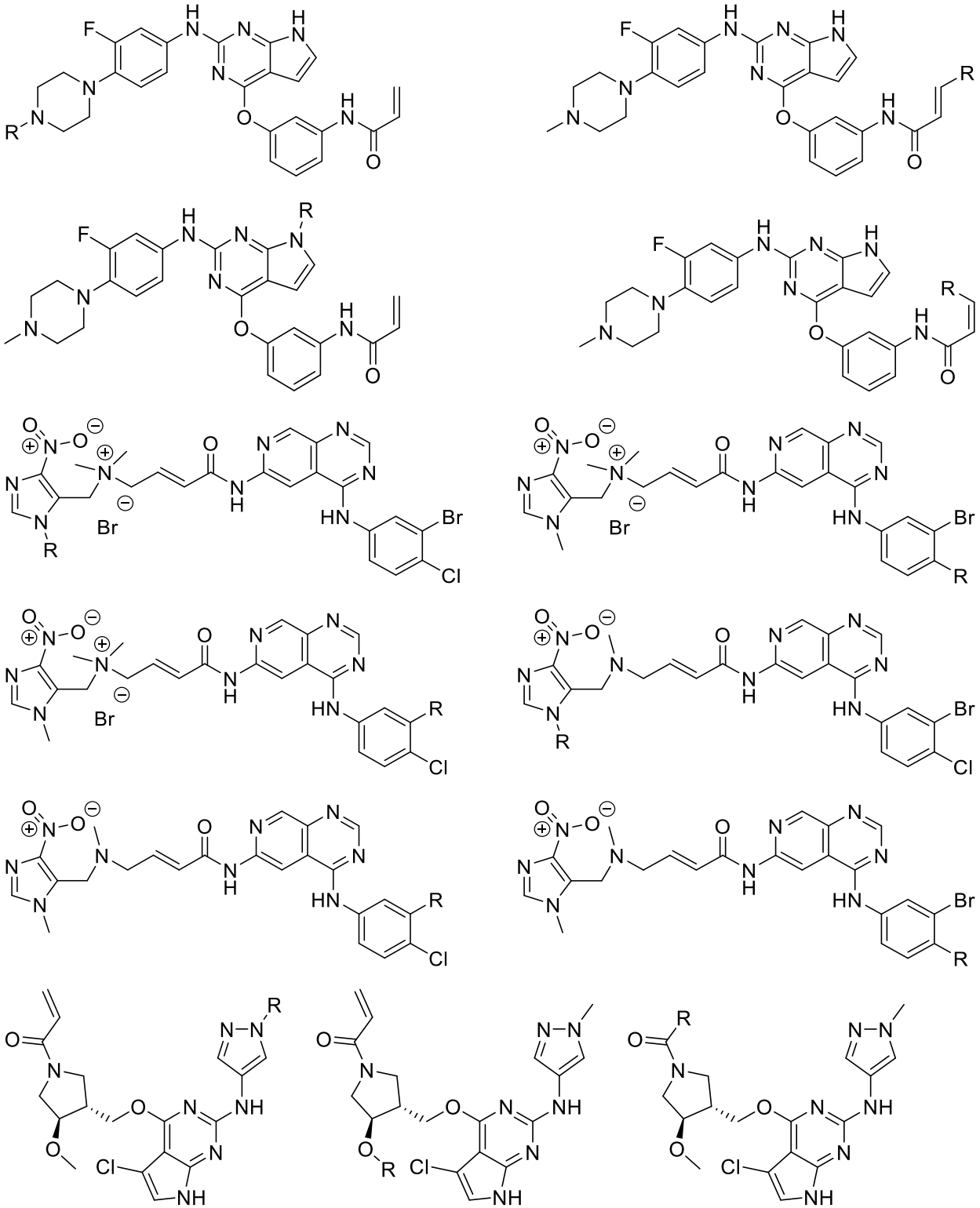


FIG. 2CCC



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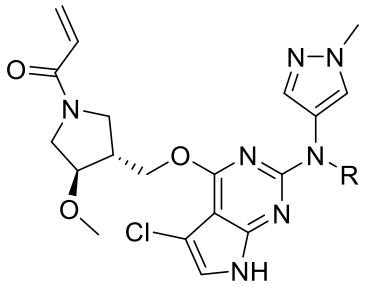

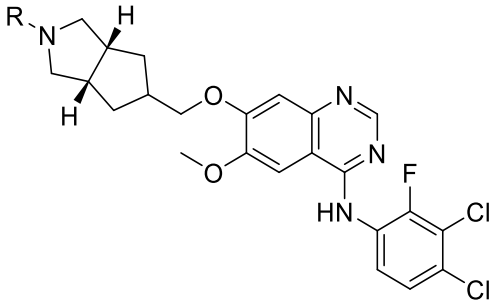

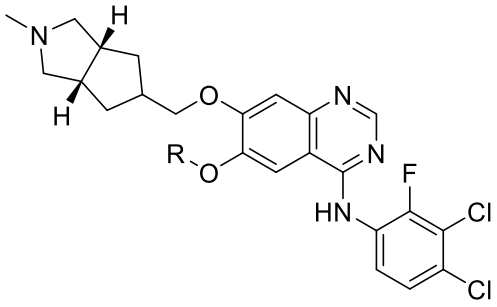

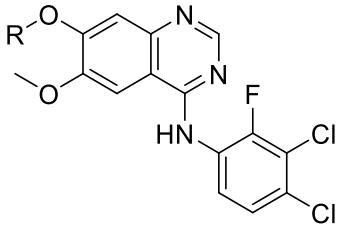

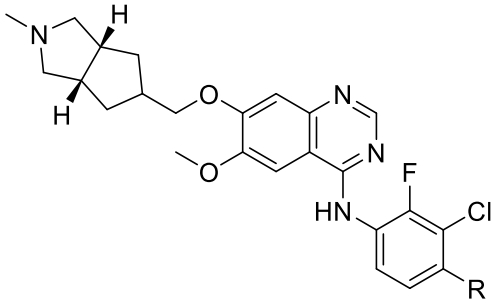

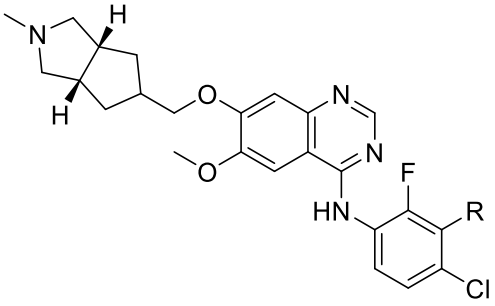

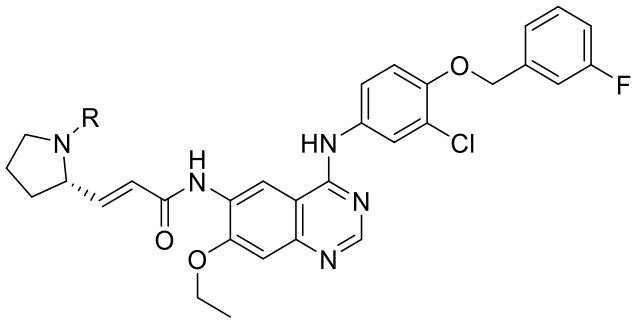

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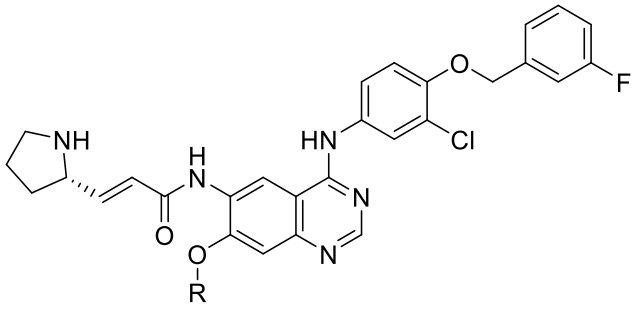

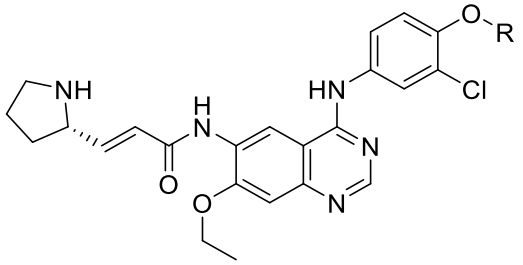

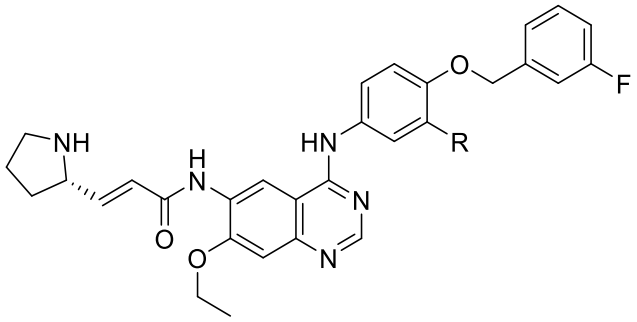

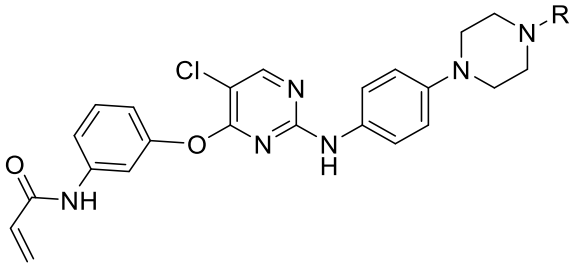

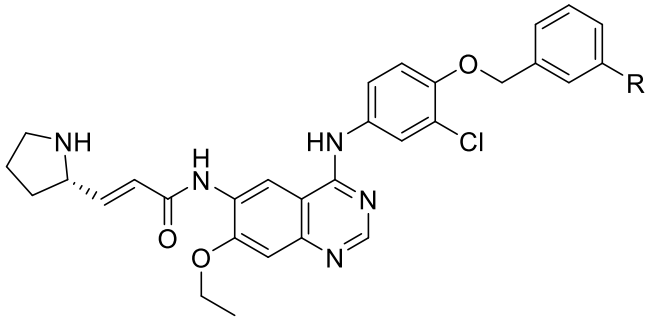

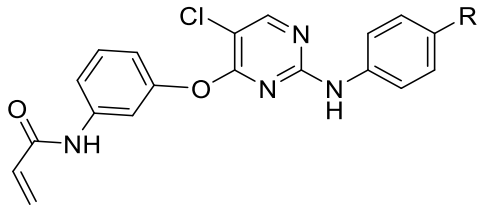

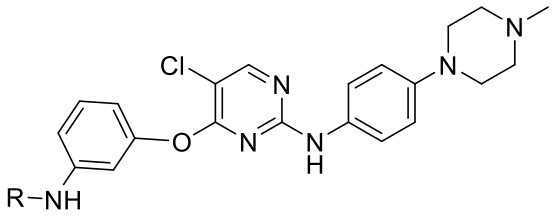

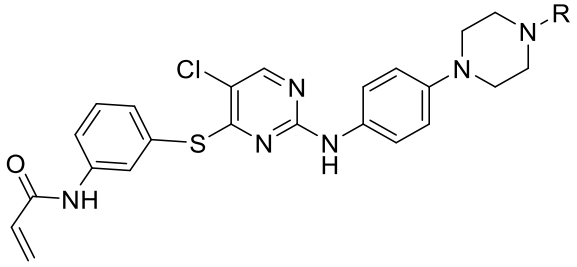

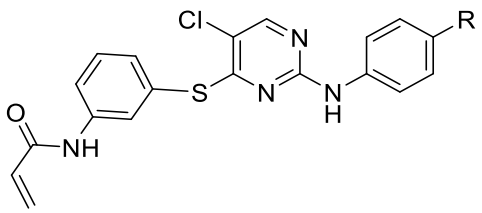

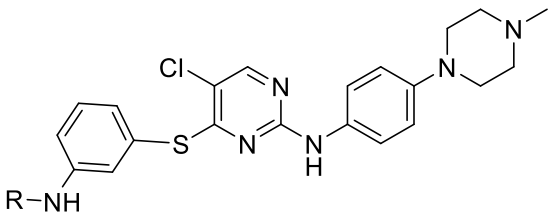

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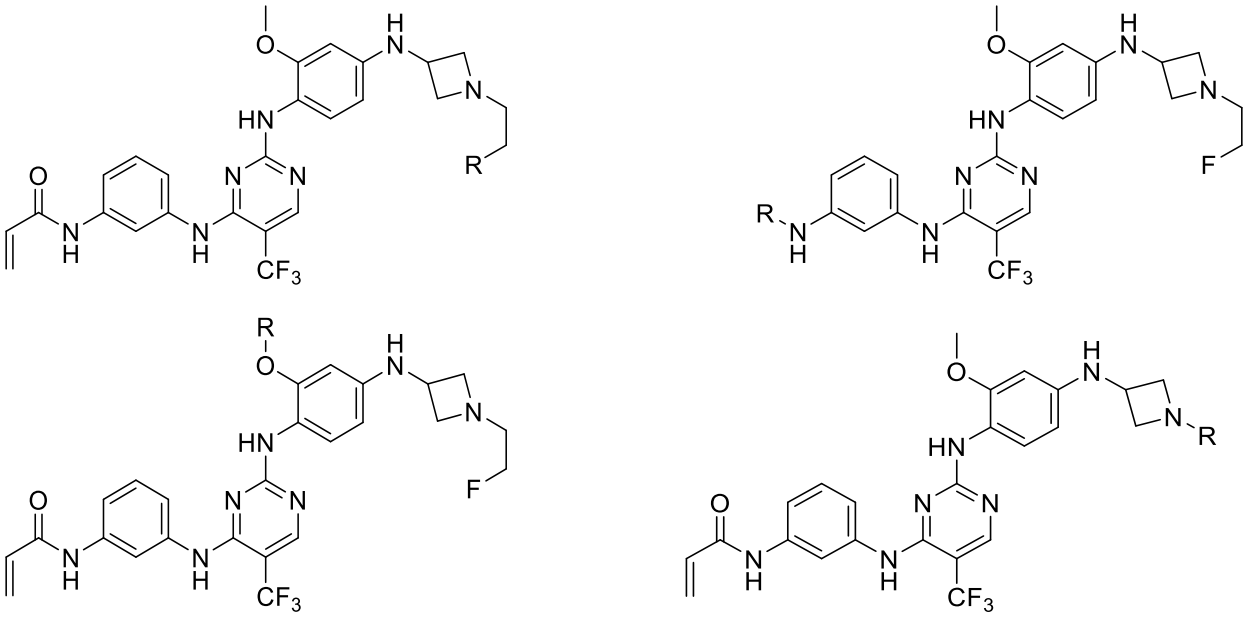
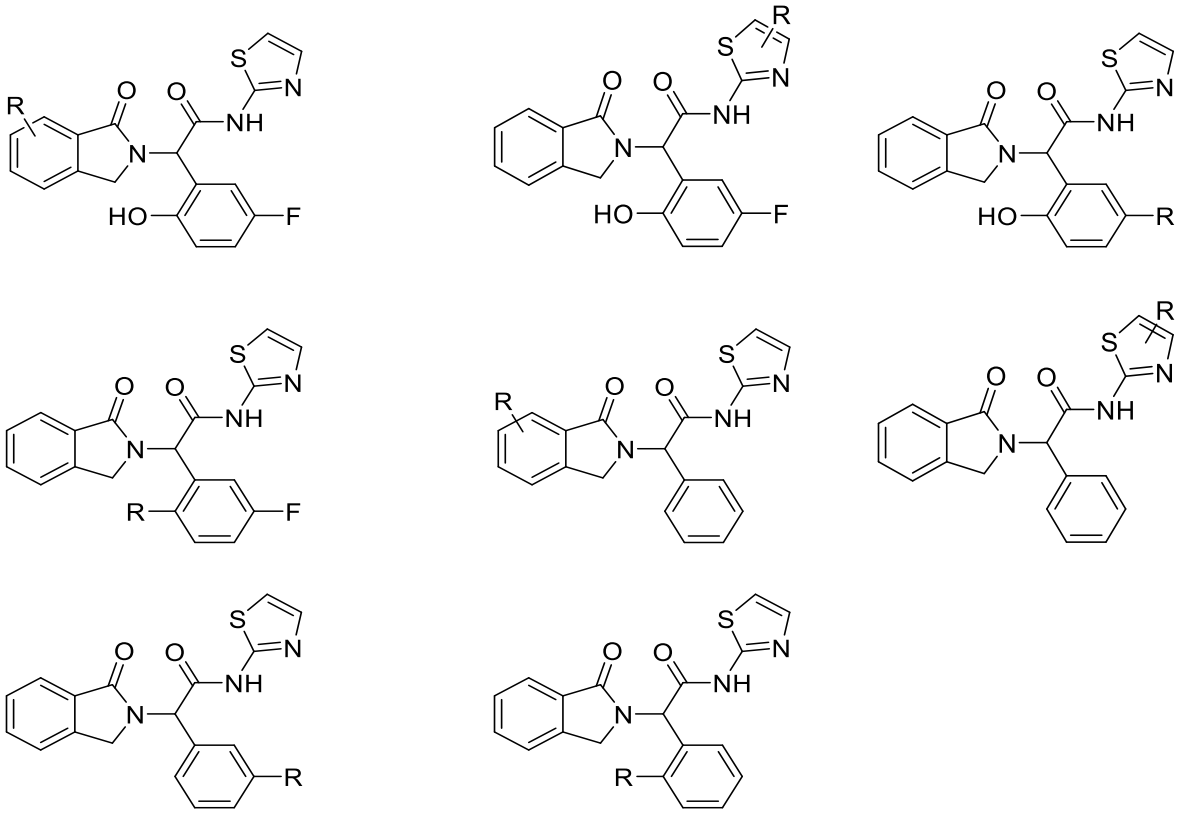


FIG. 2GGG



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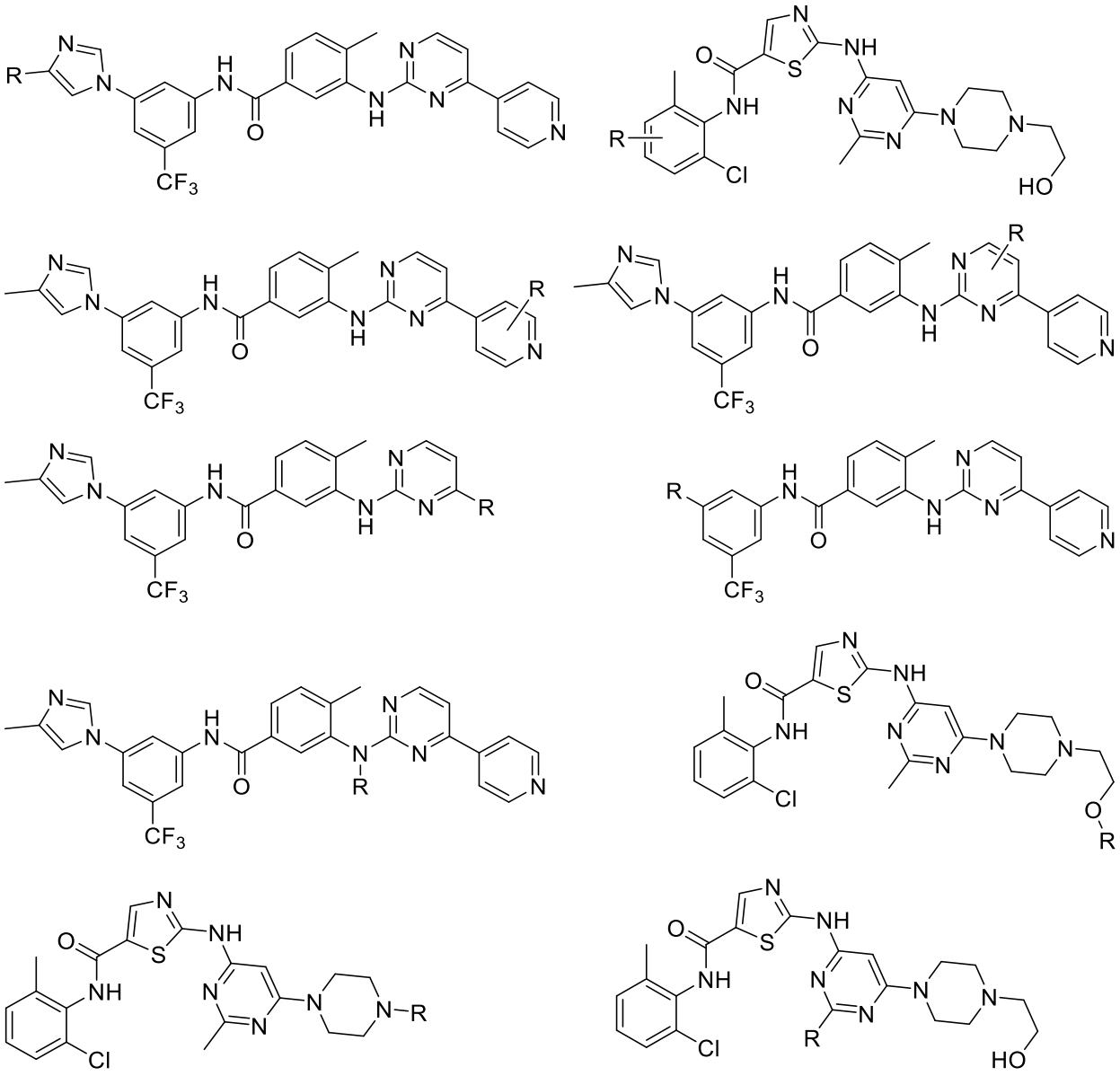


FIG. 2III

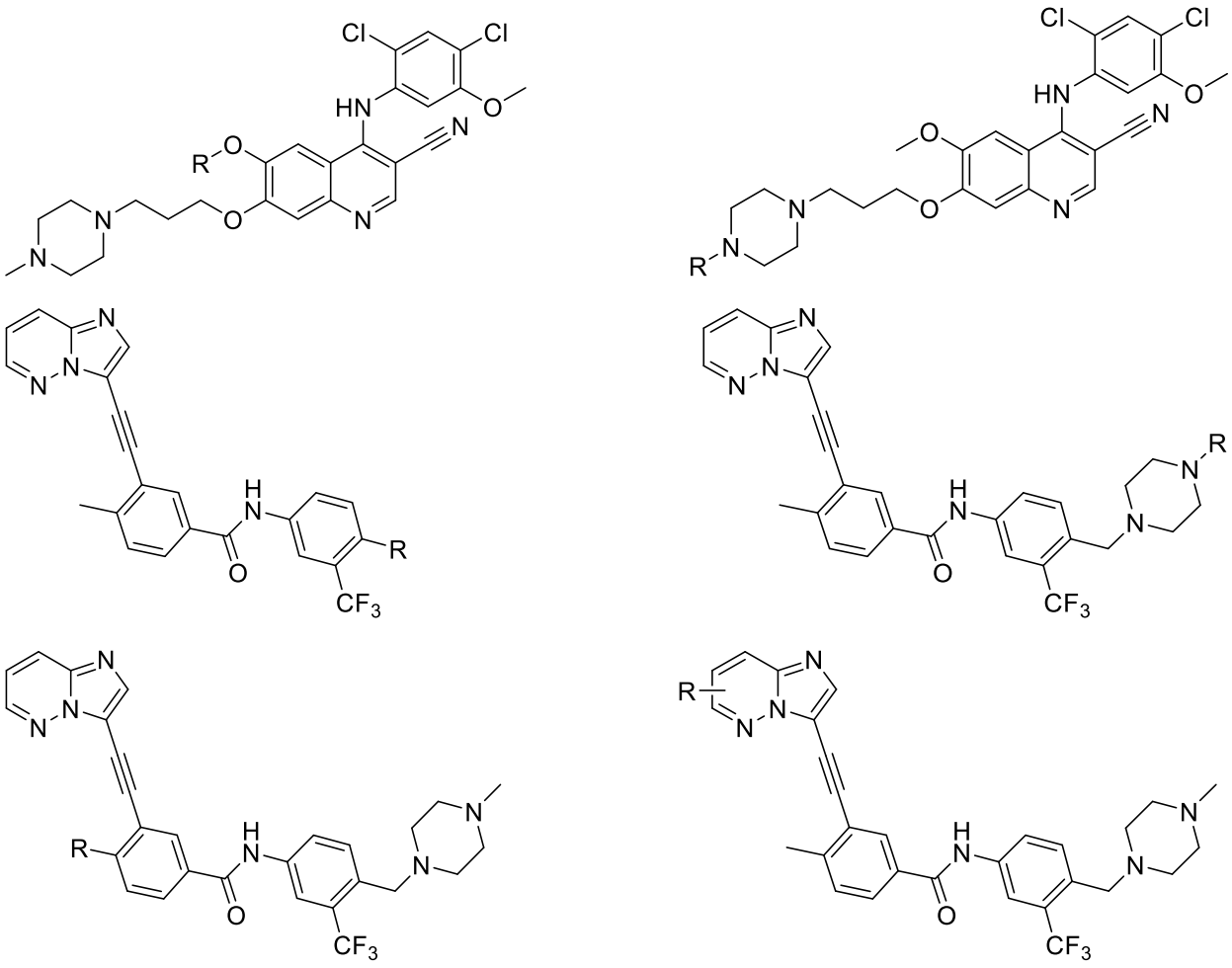


FIG. 2JJJ

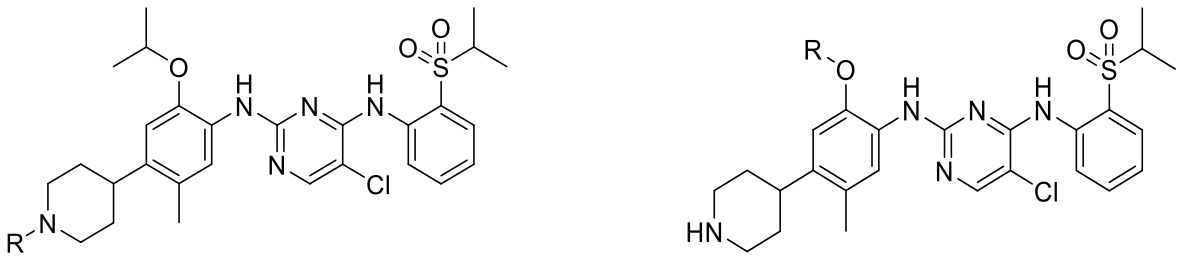


FIG. 2KKK

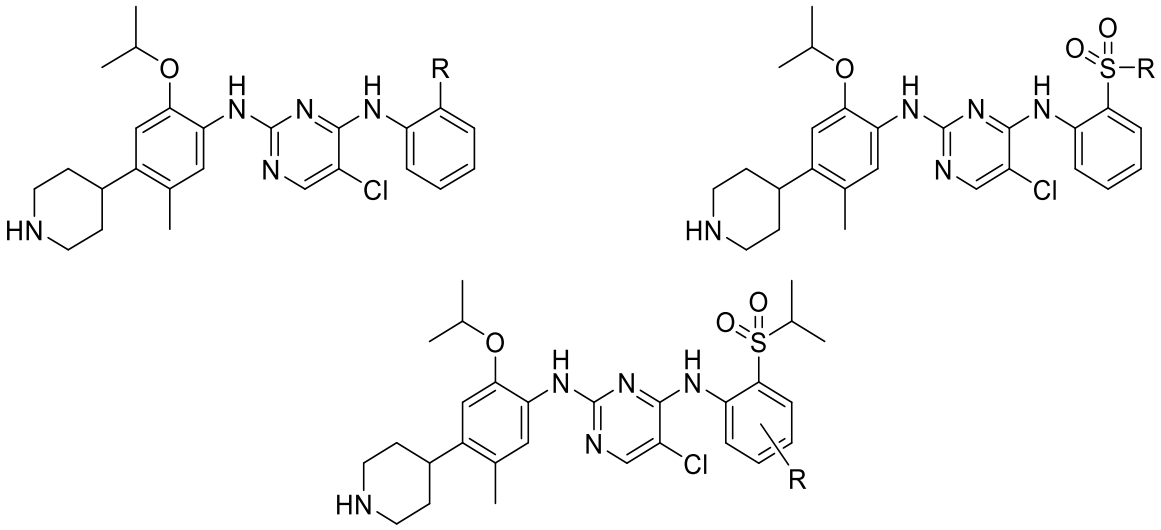
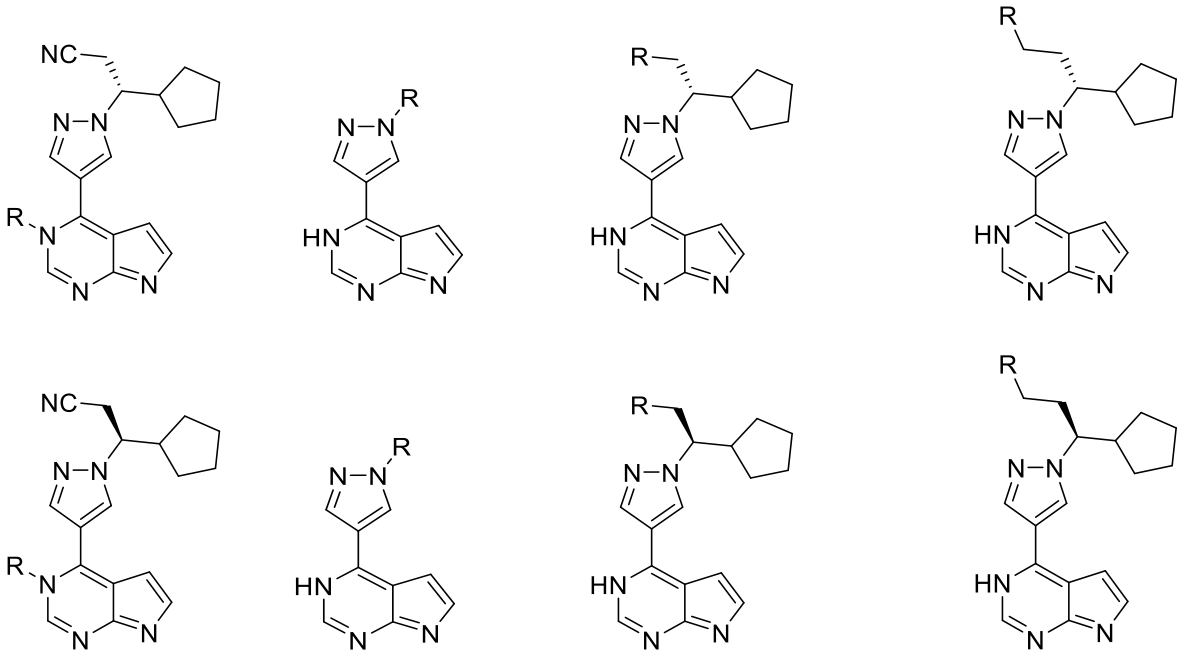


FIG. 2LLL



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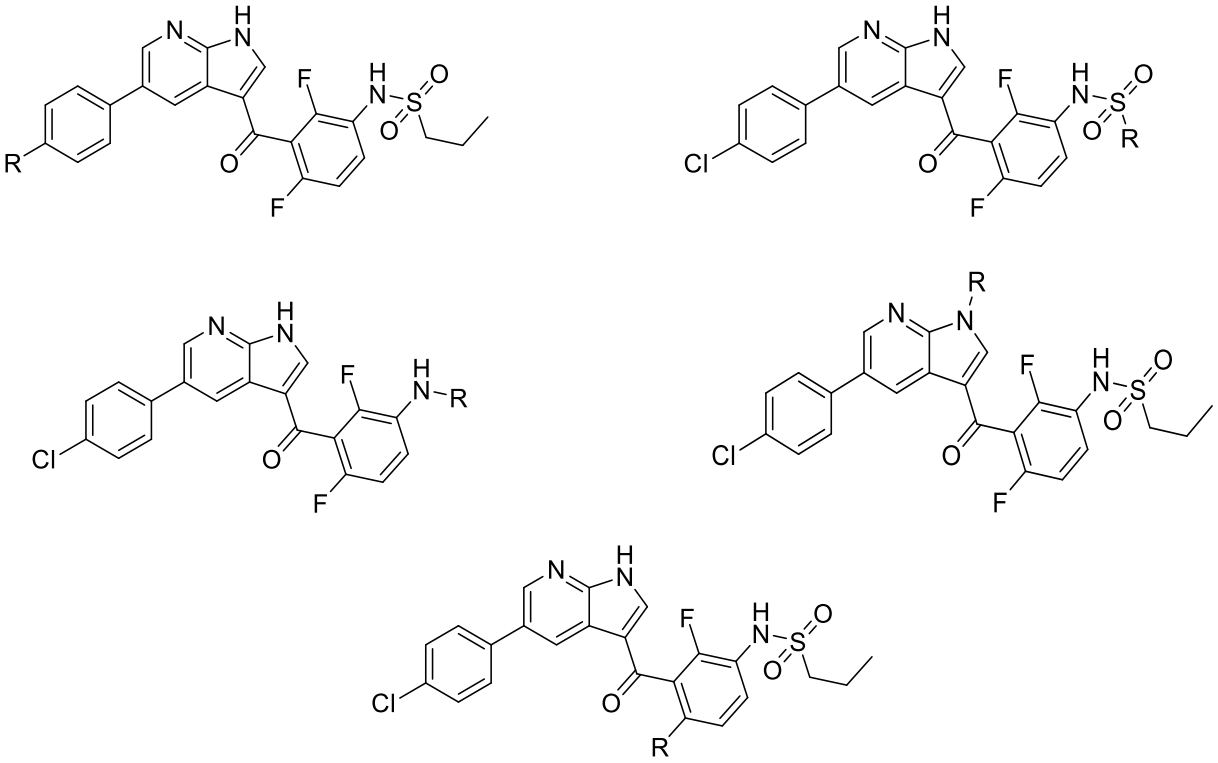


FIG. 2NNN

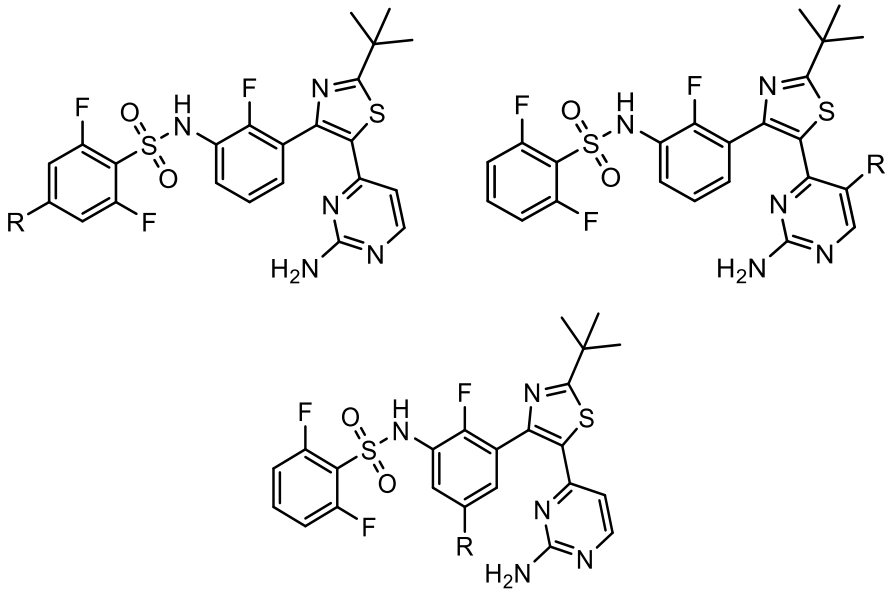
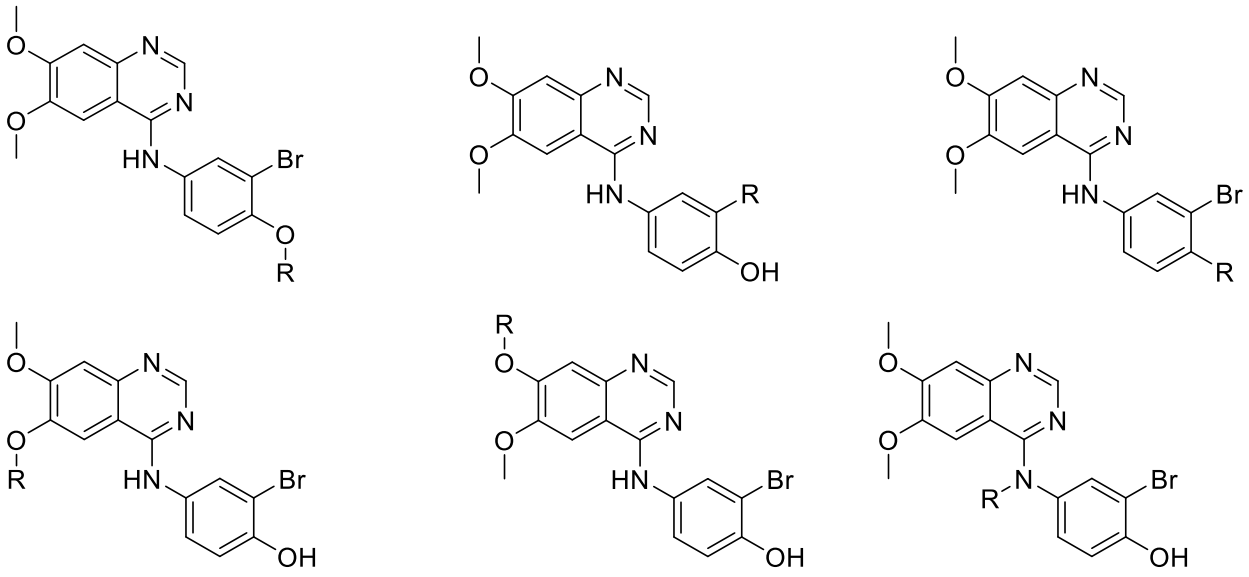


FIG. 2OOO



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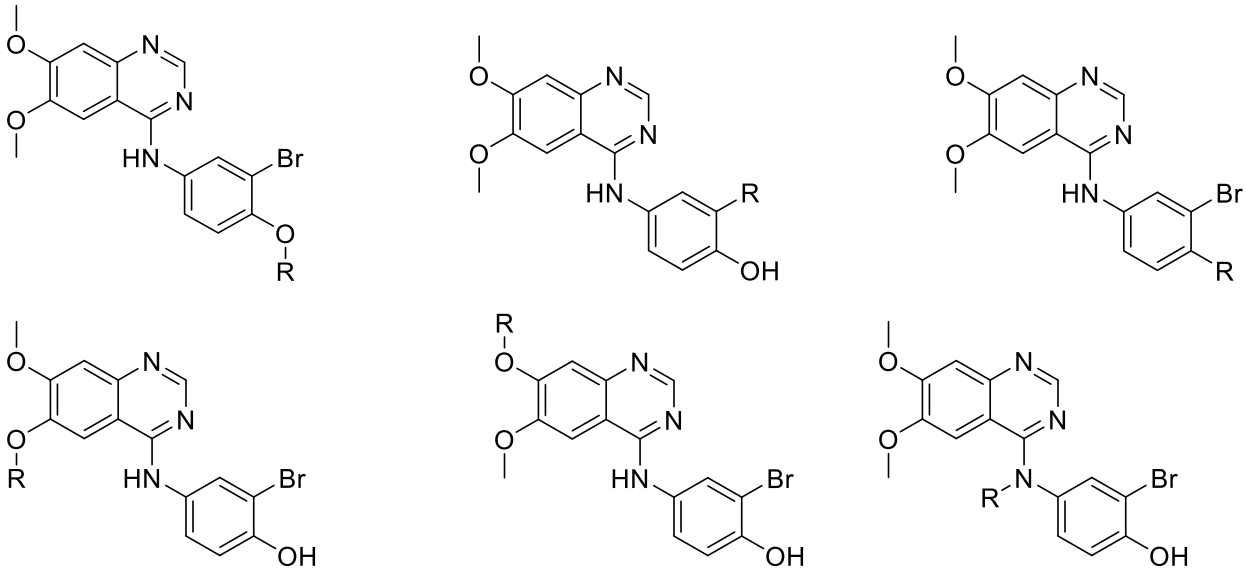

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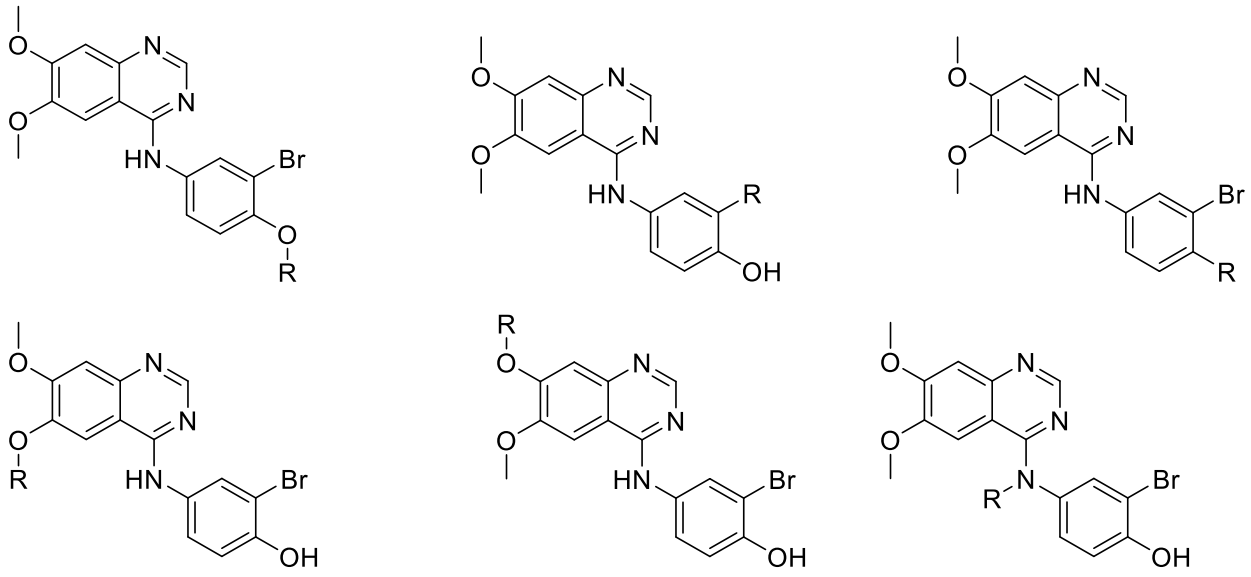

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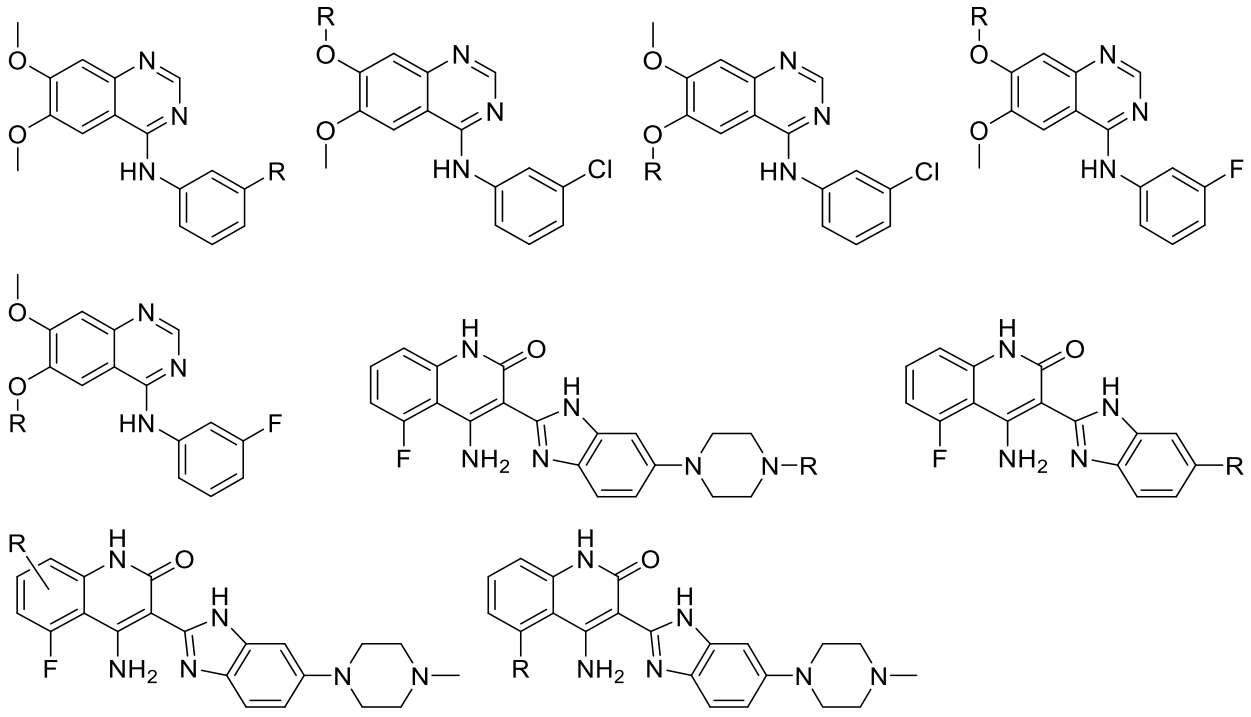

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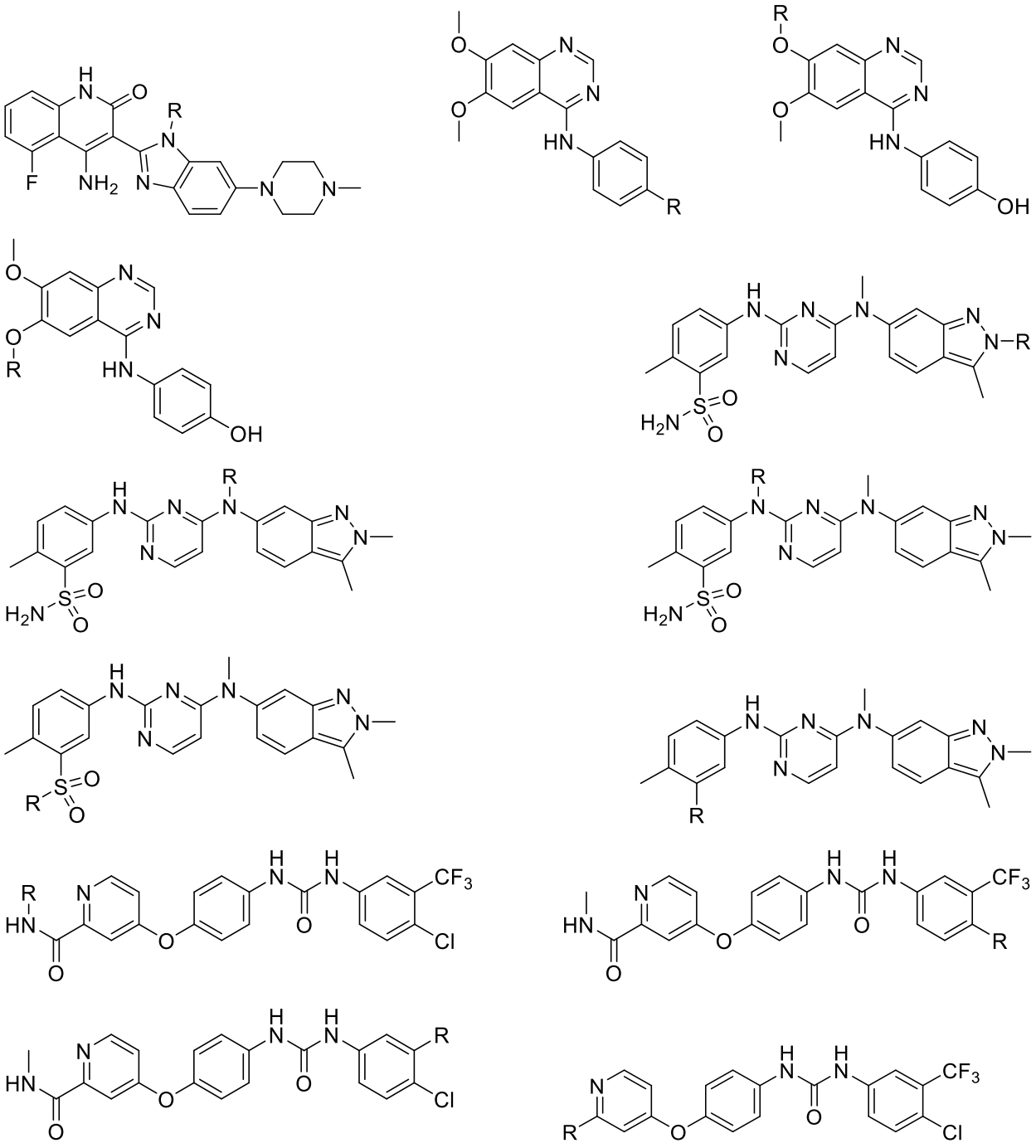

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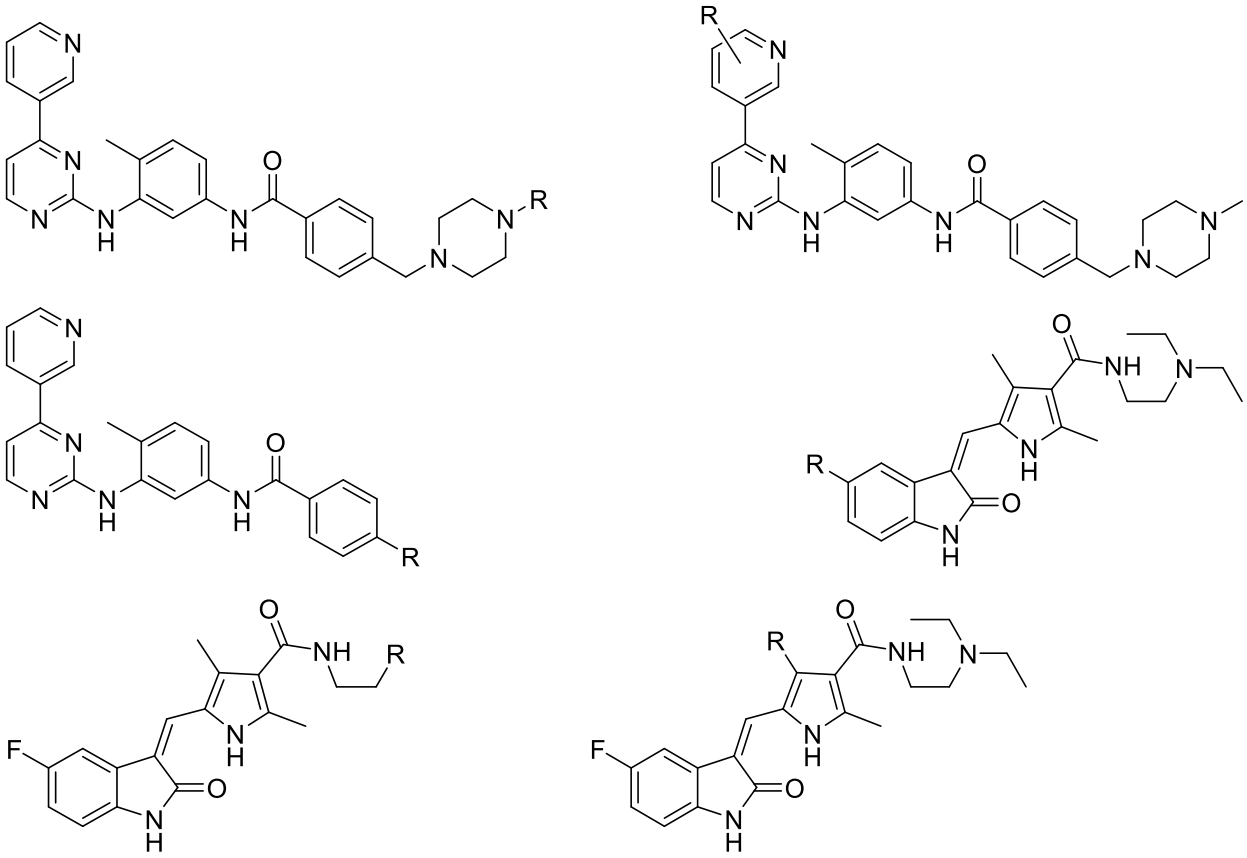


FIG. 2UUU

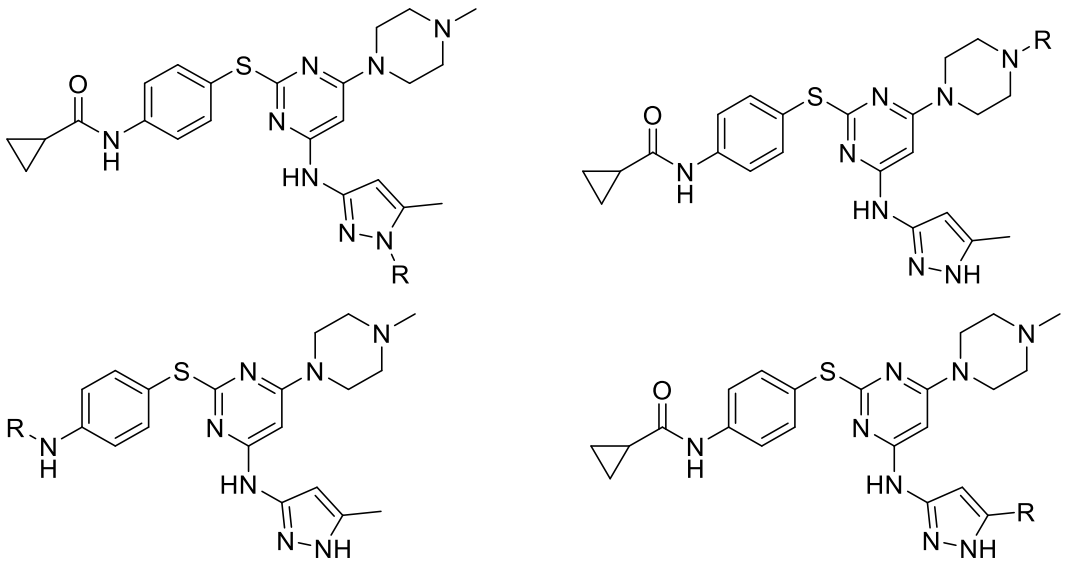
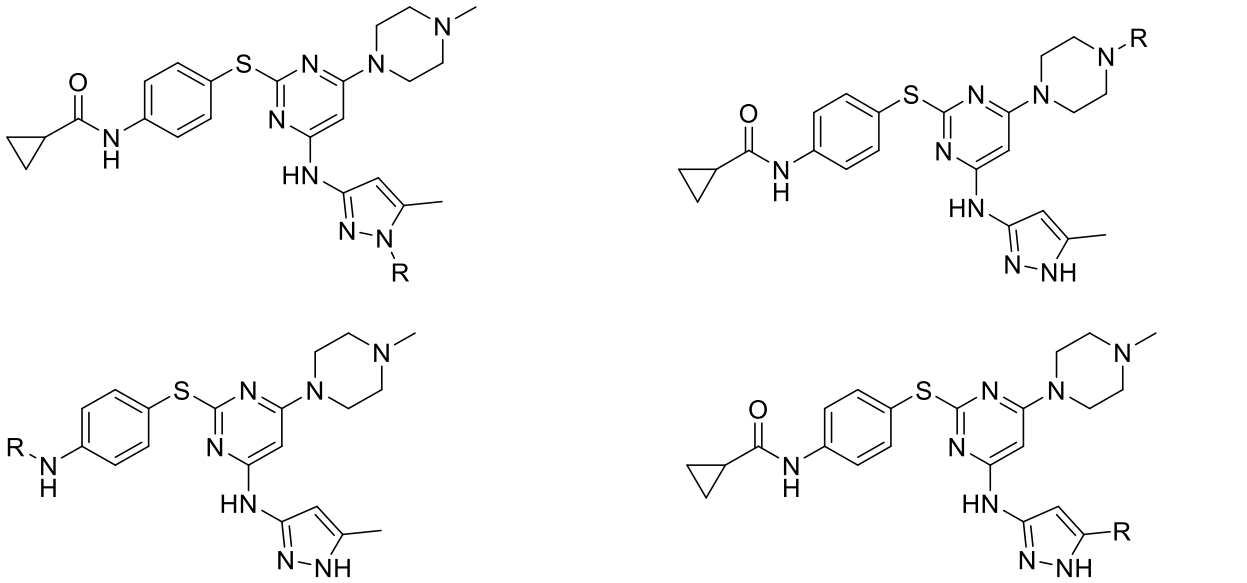


FIG. 2VVV



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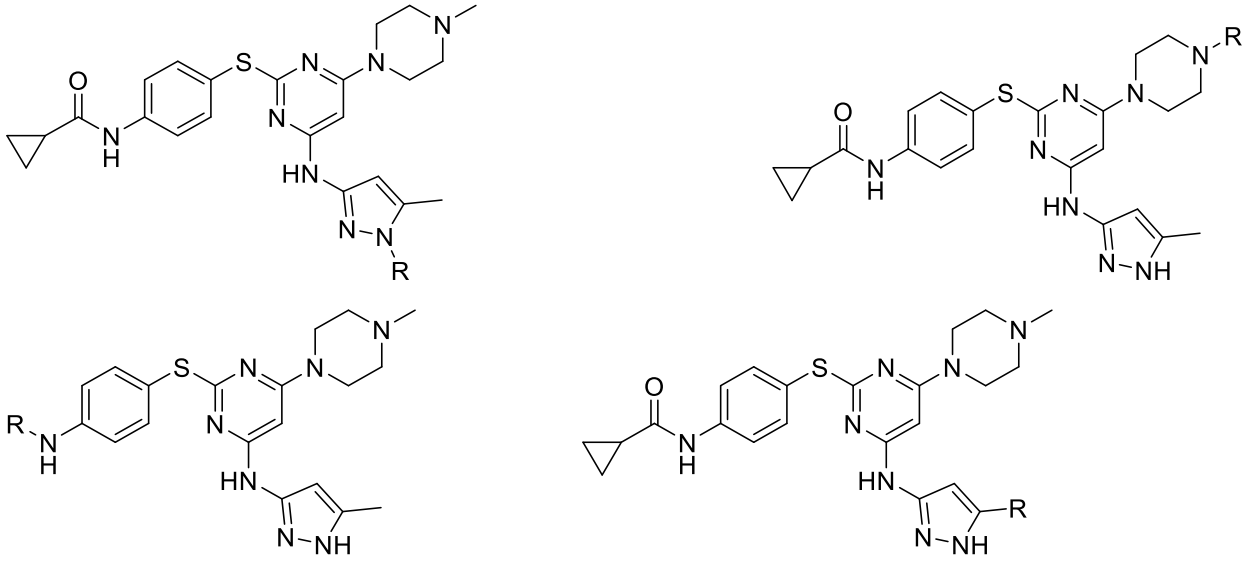

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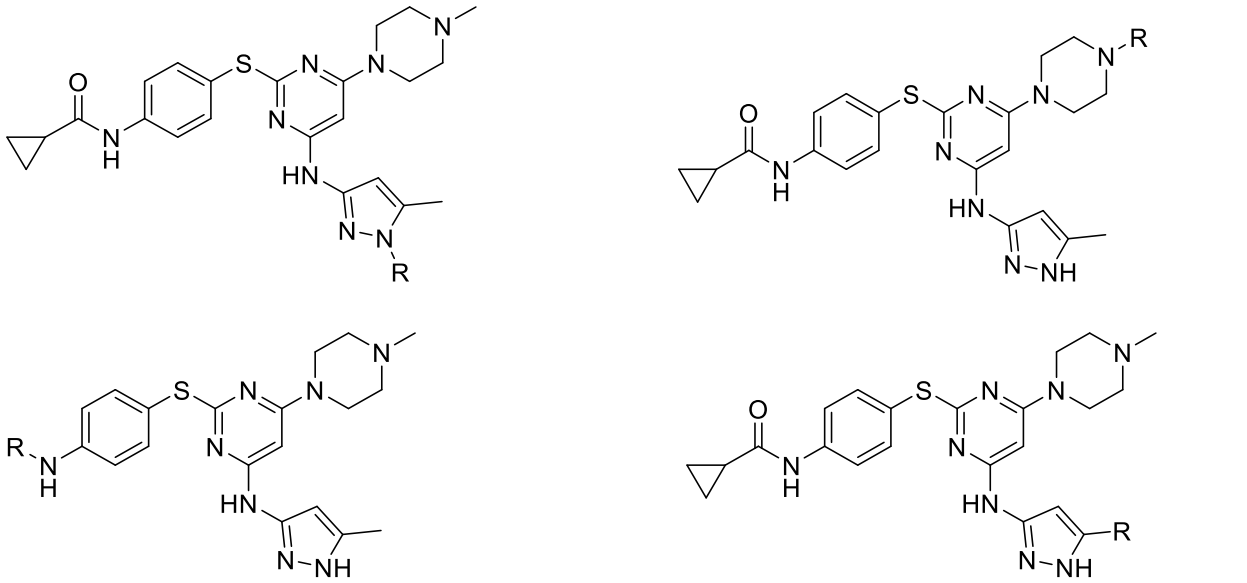

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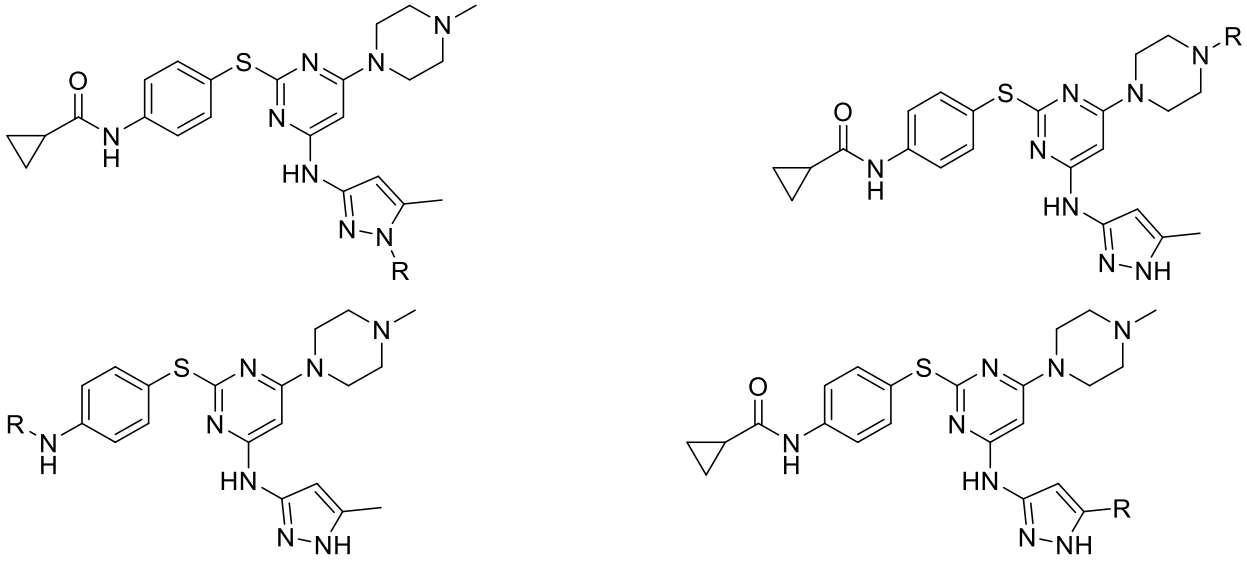


FIG. 2ZZZ

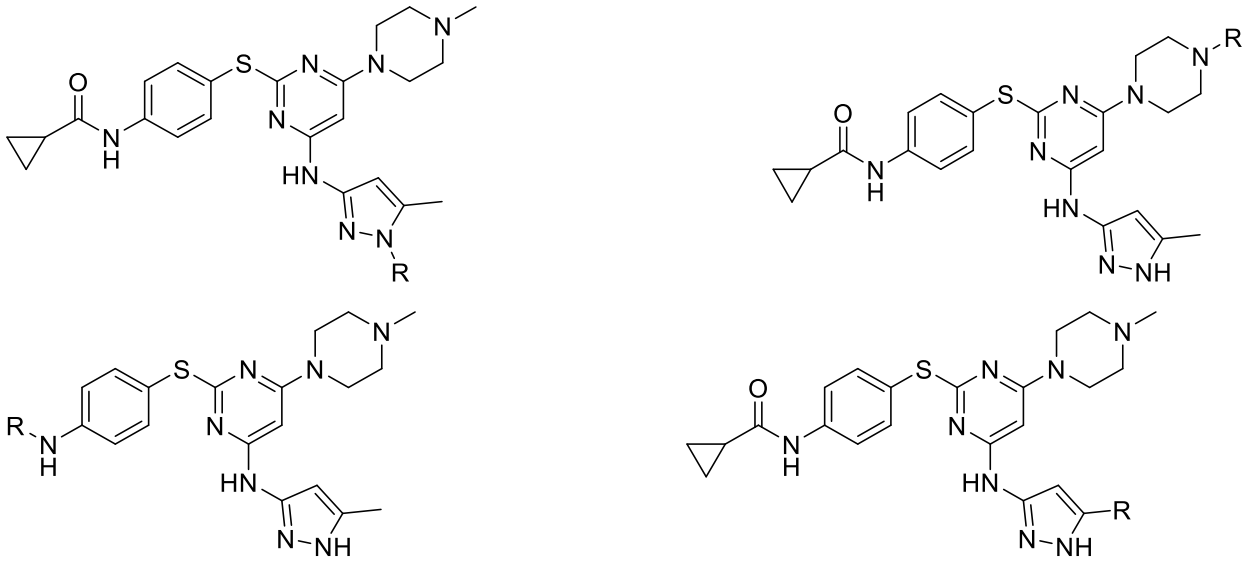
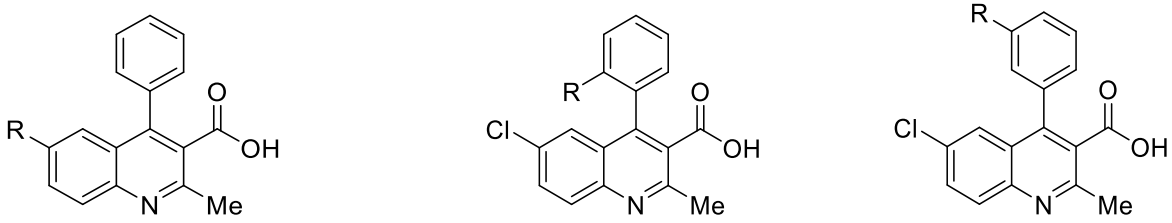


FIG. 2AAAA



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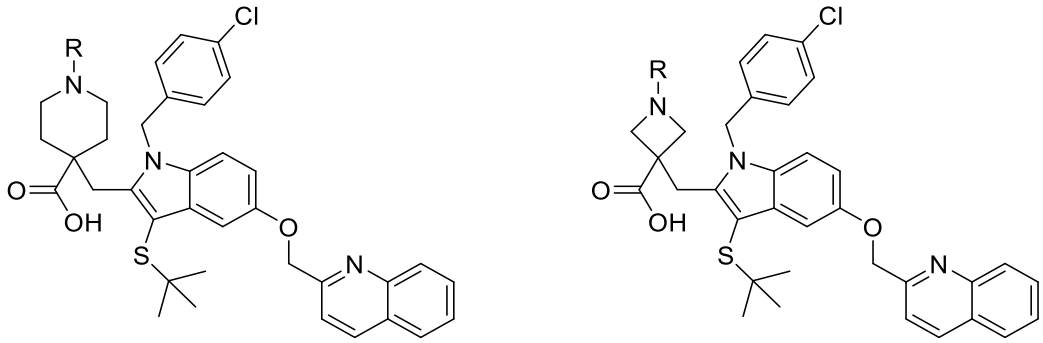

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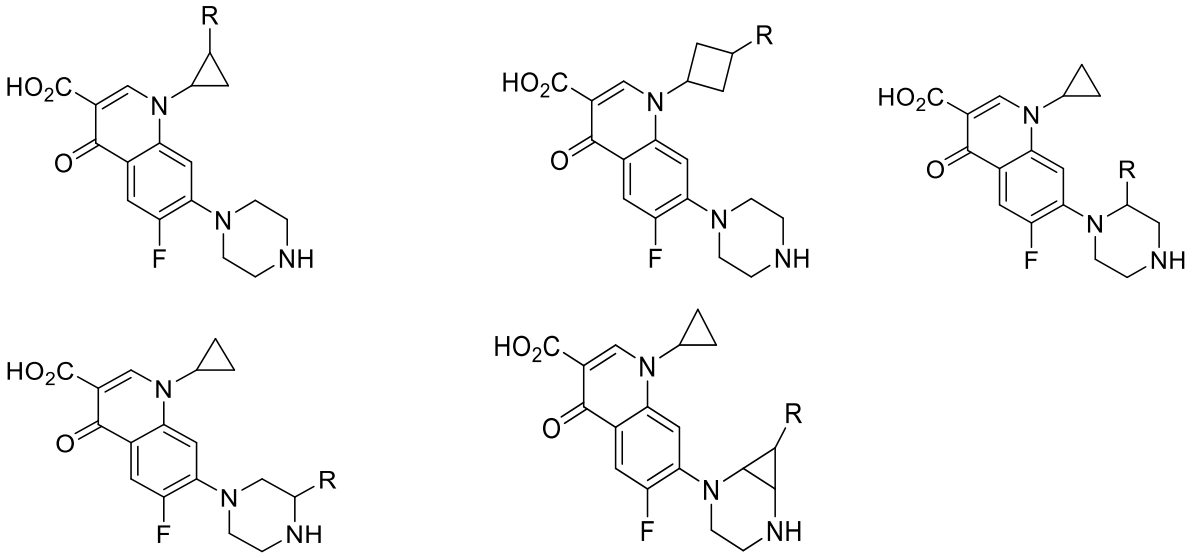

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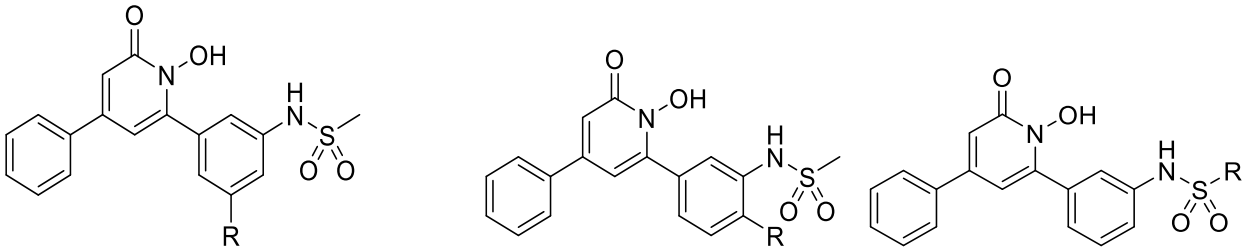

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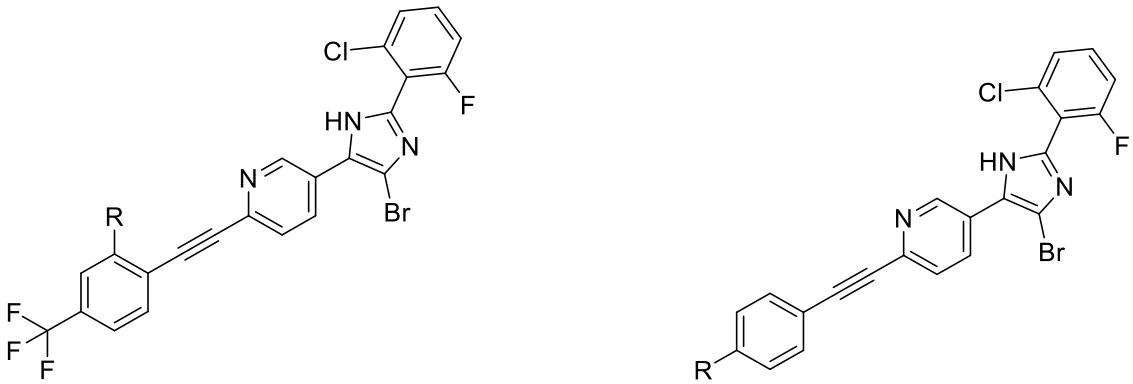

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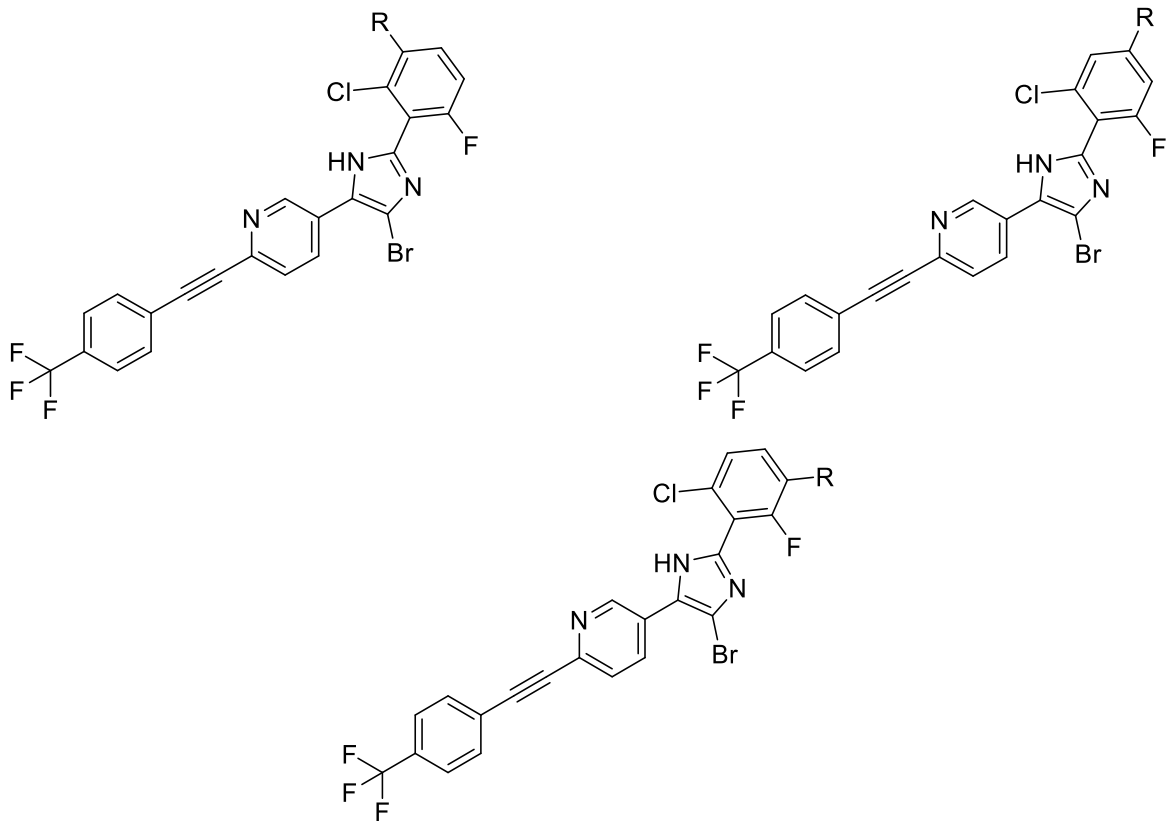

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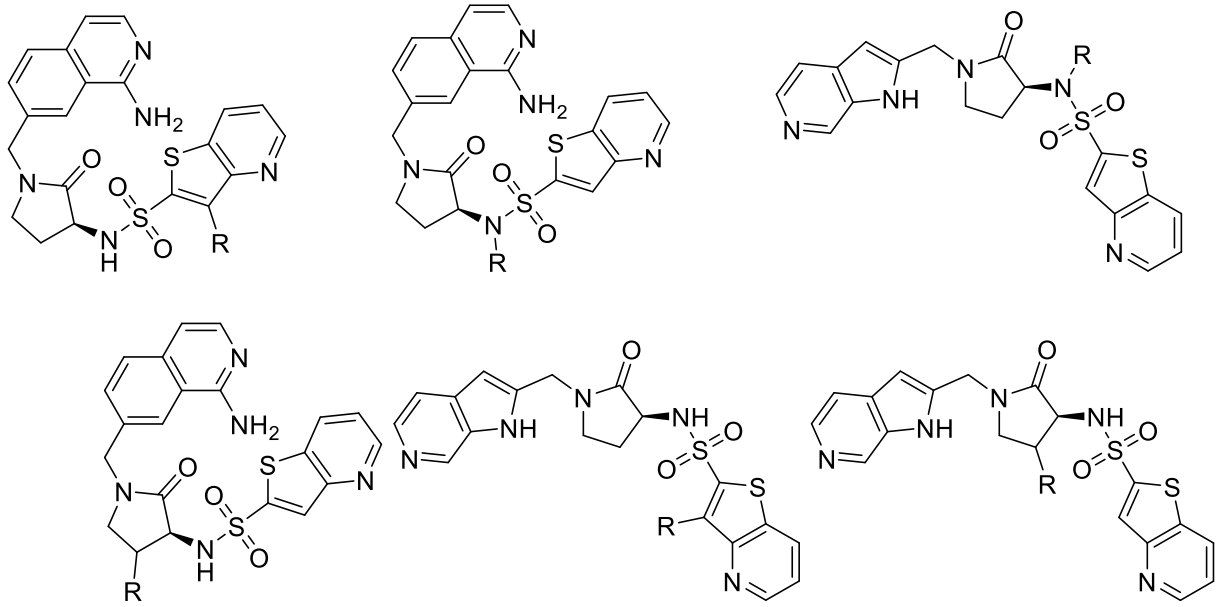

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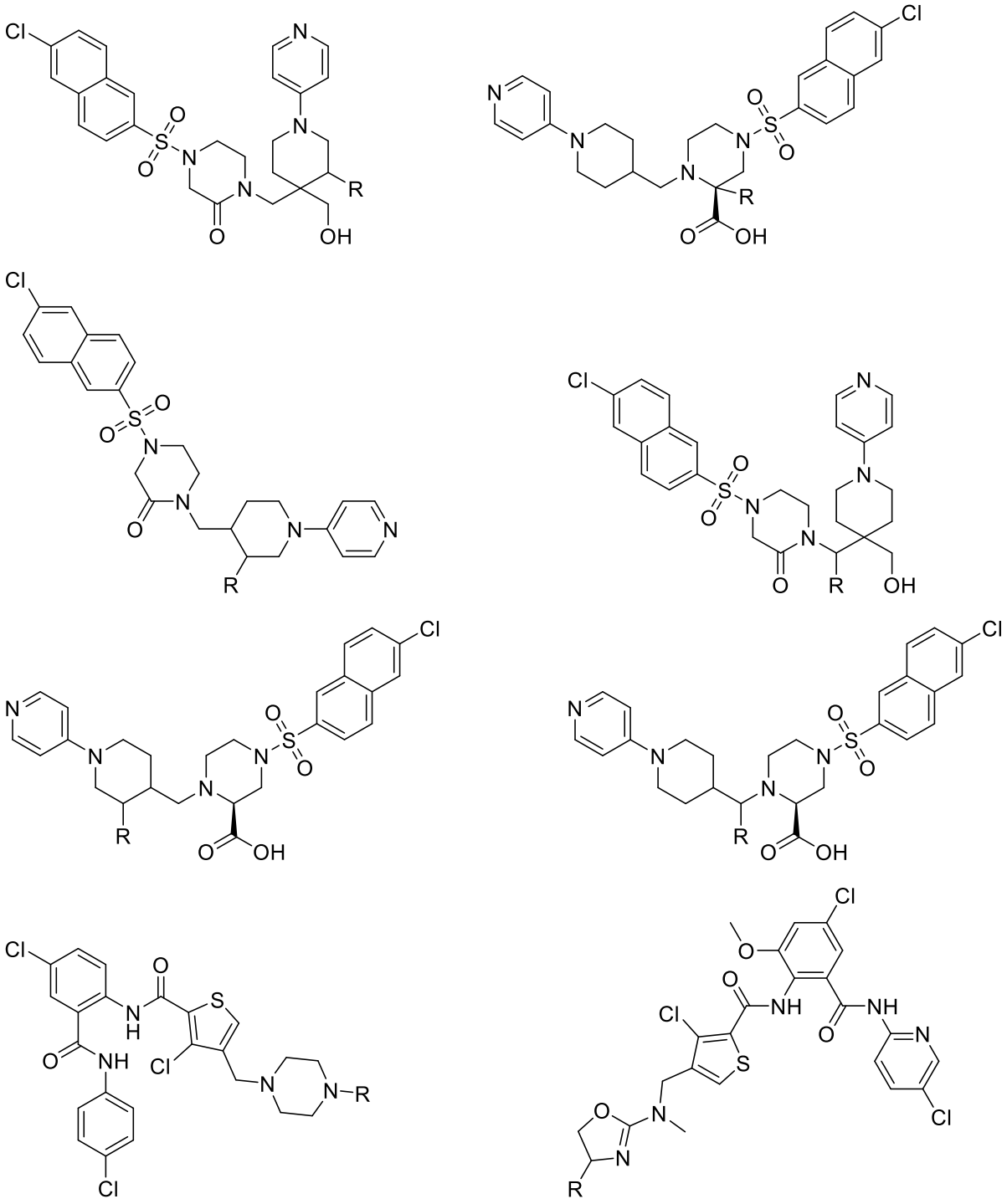

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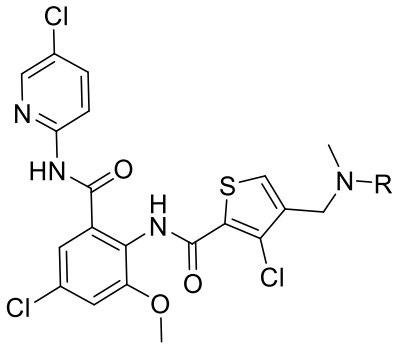

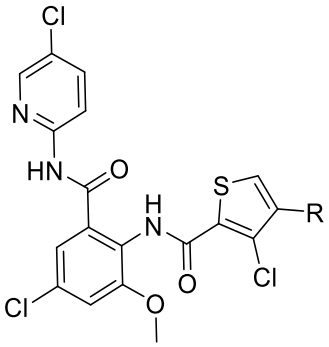

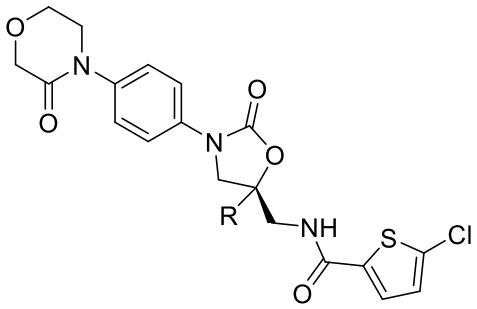

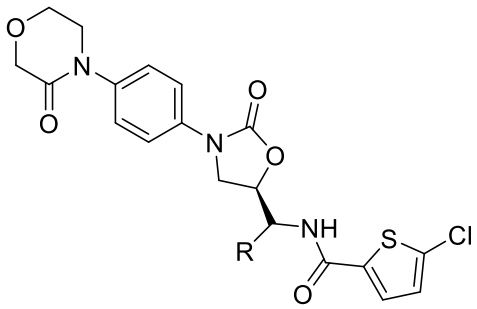

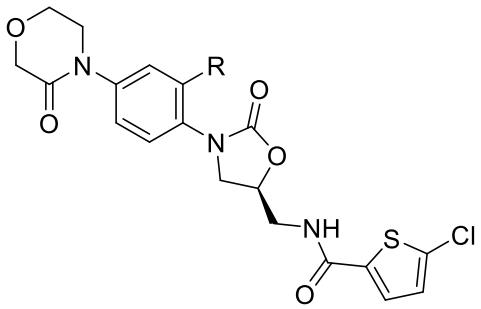

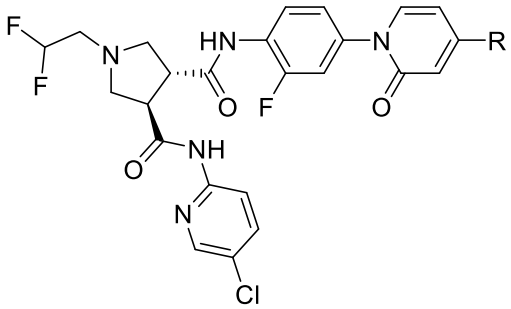

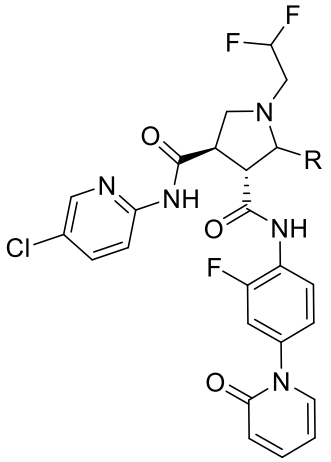

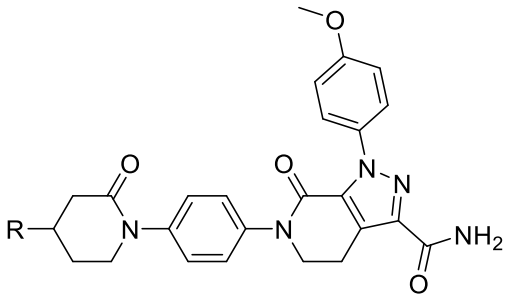

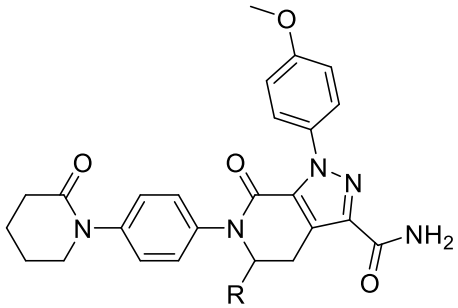

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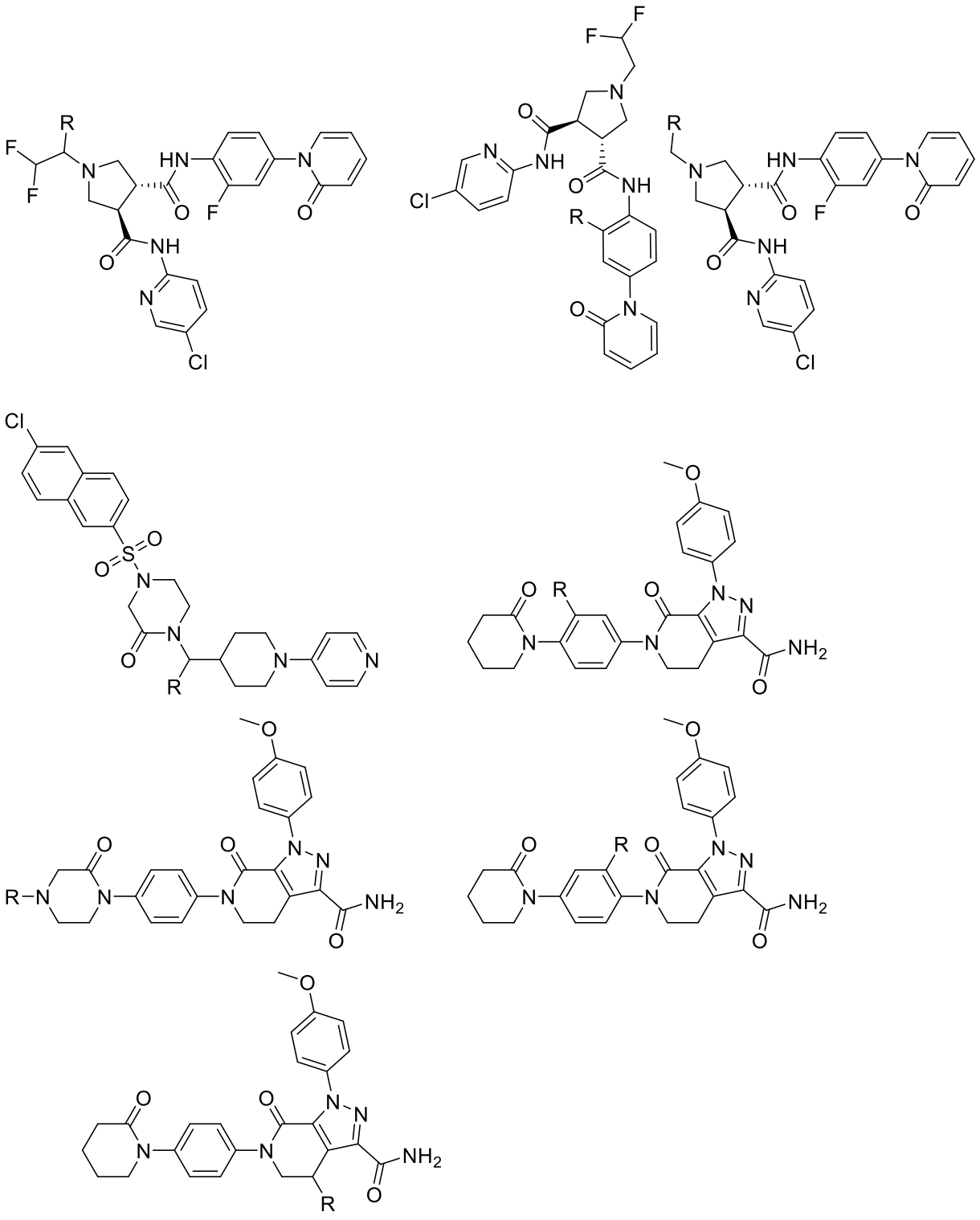

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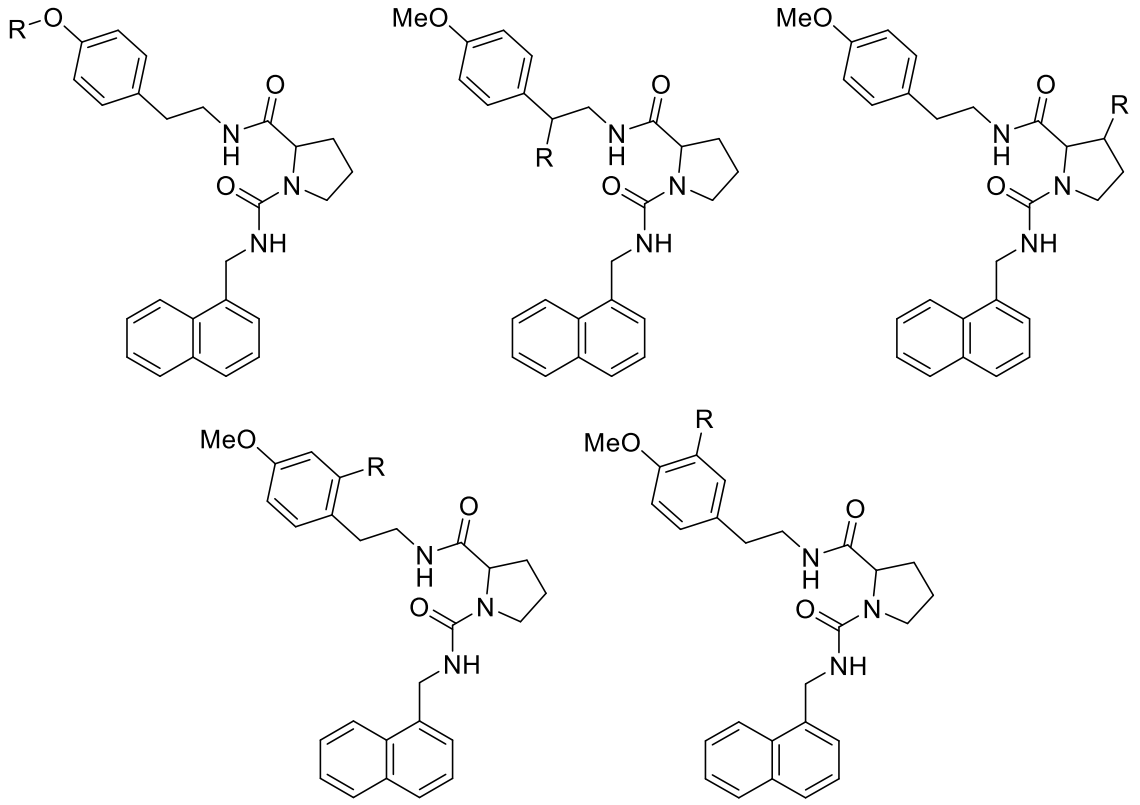

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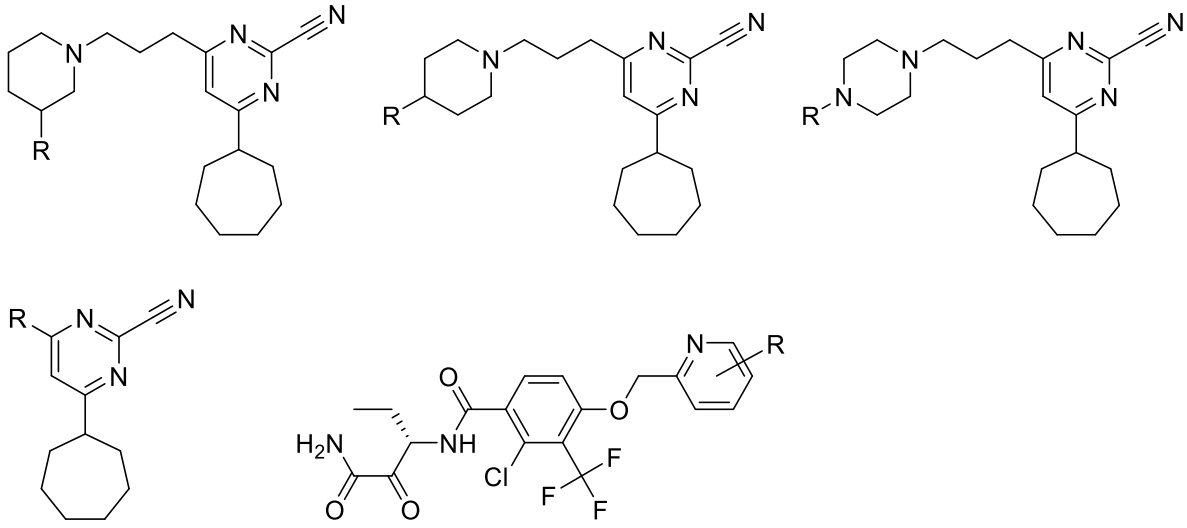

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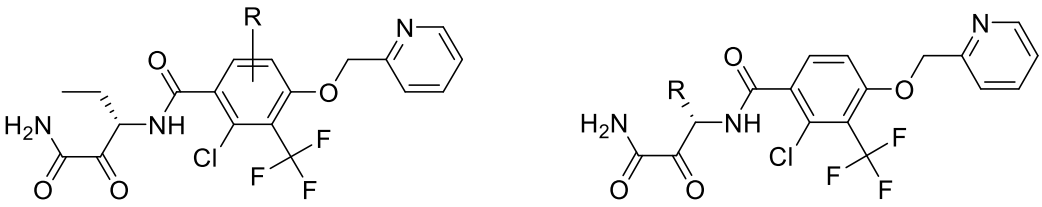

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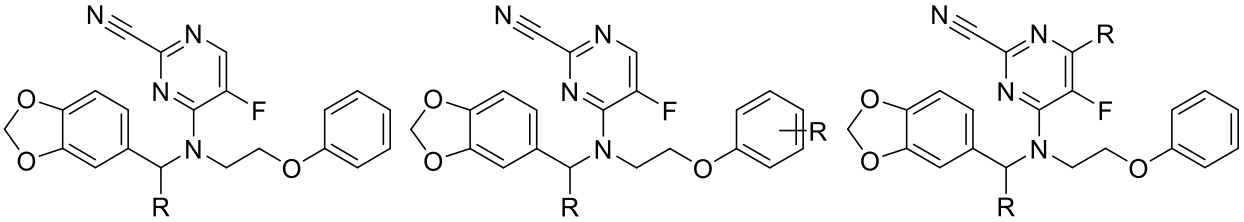

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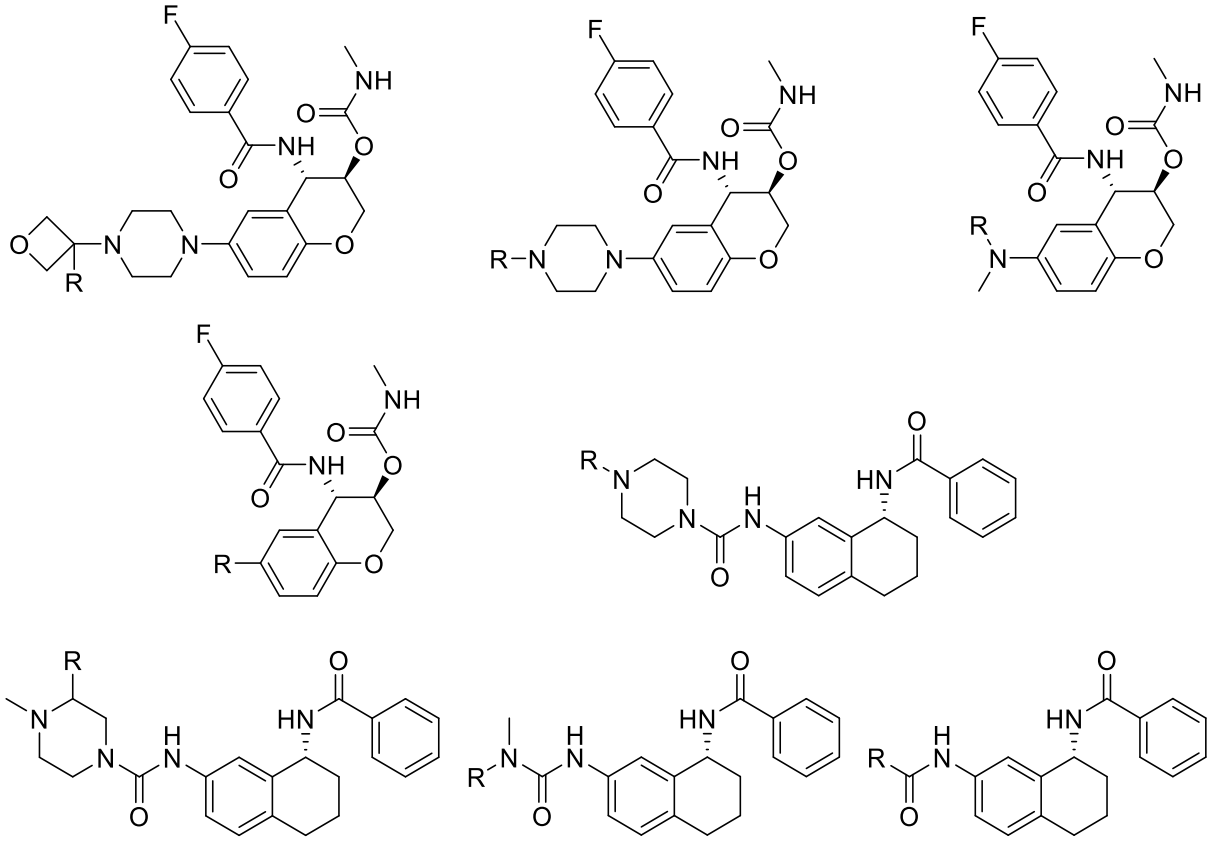

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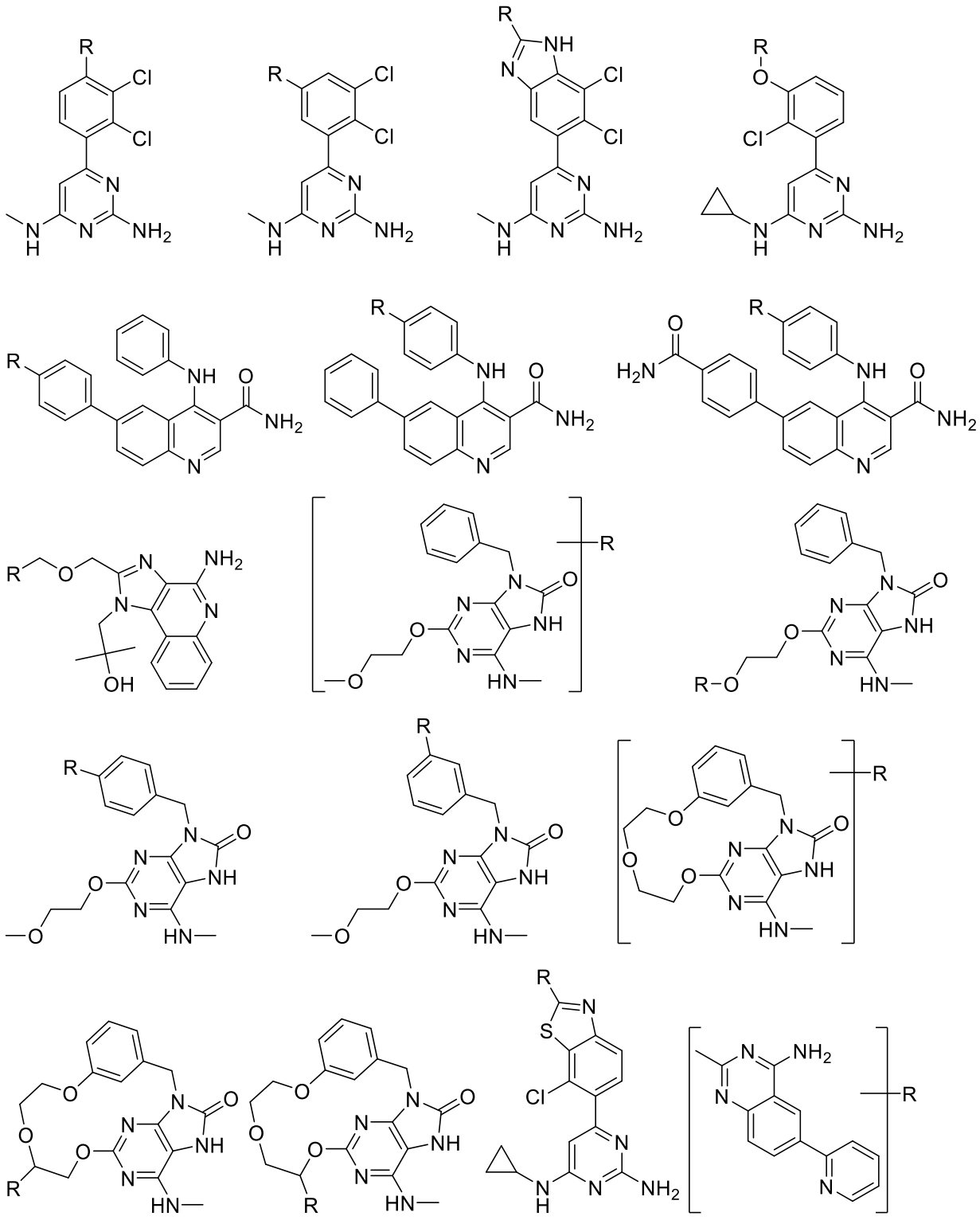

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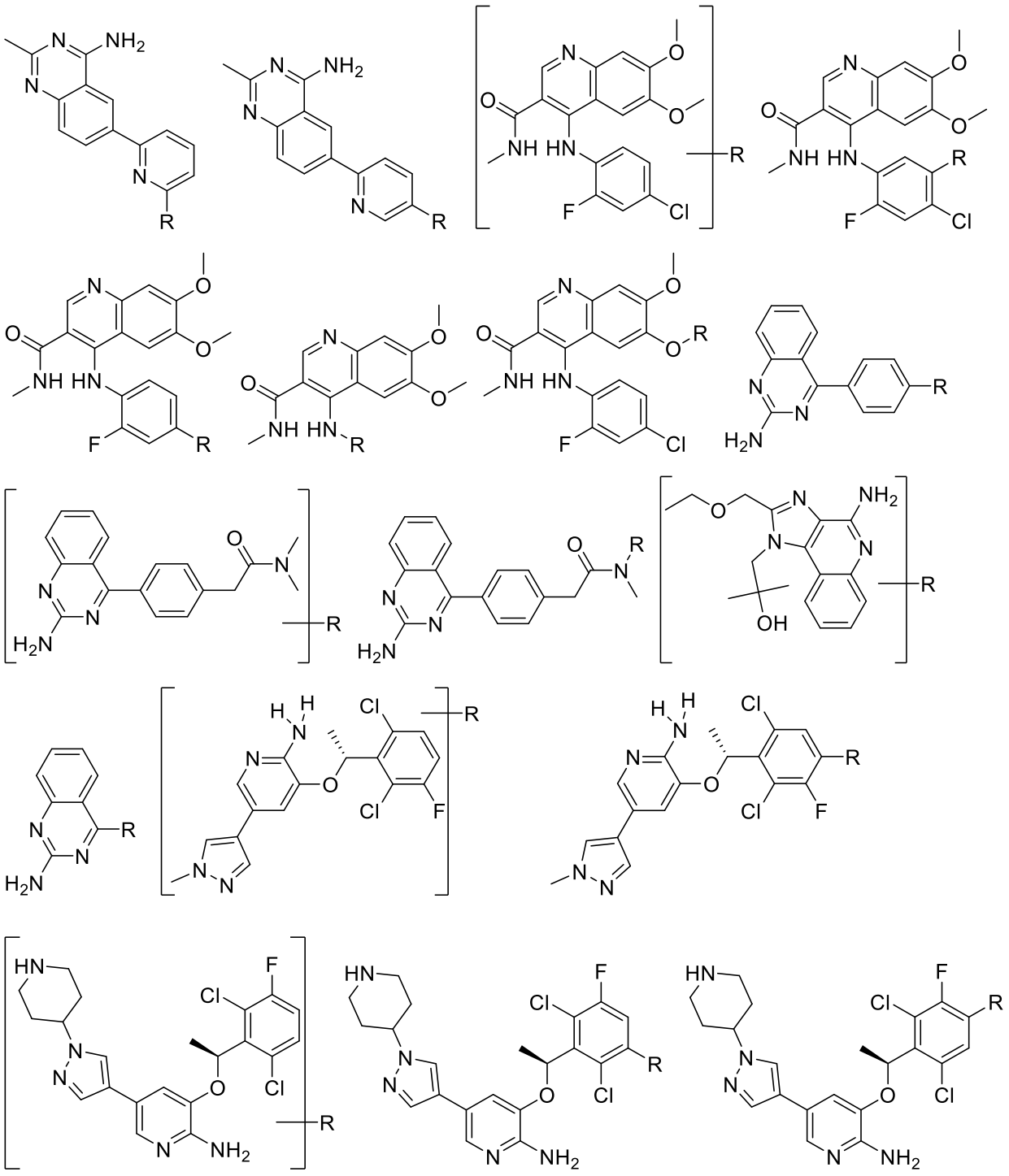

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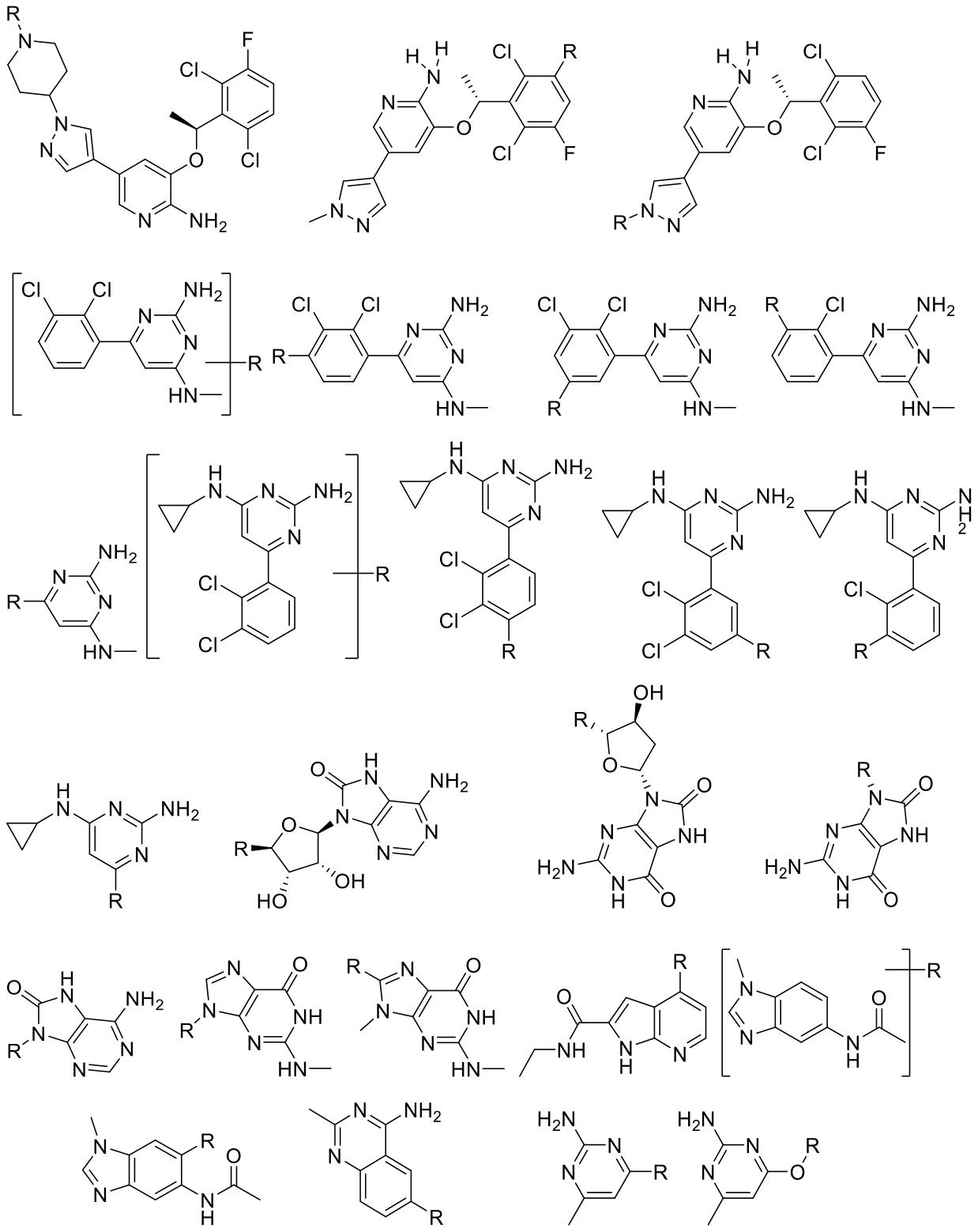

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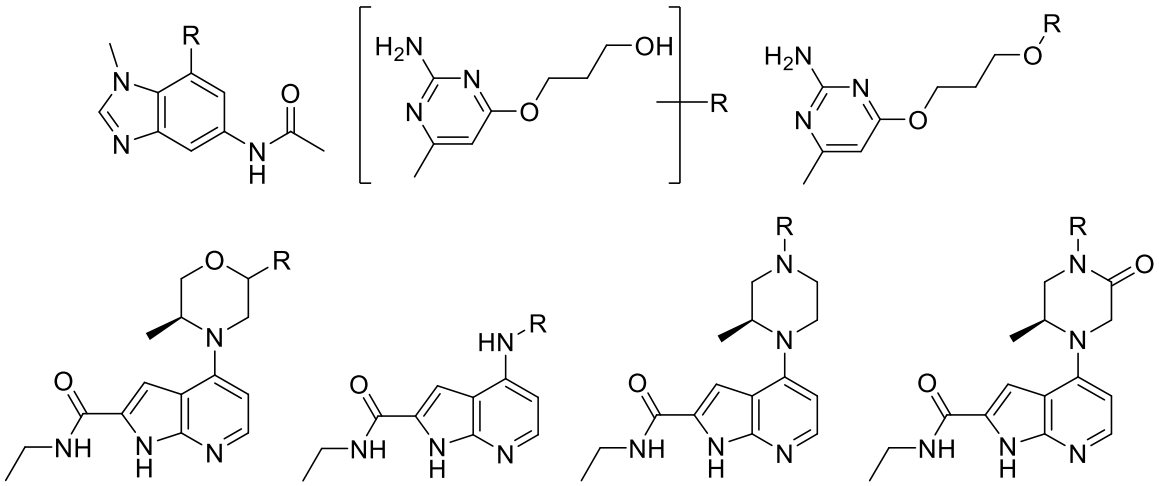

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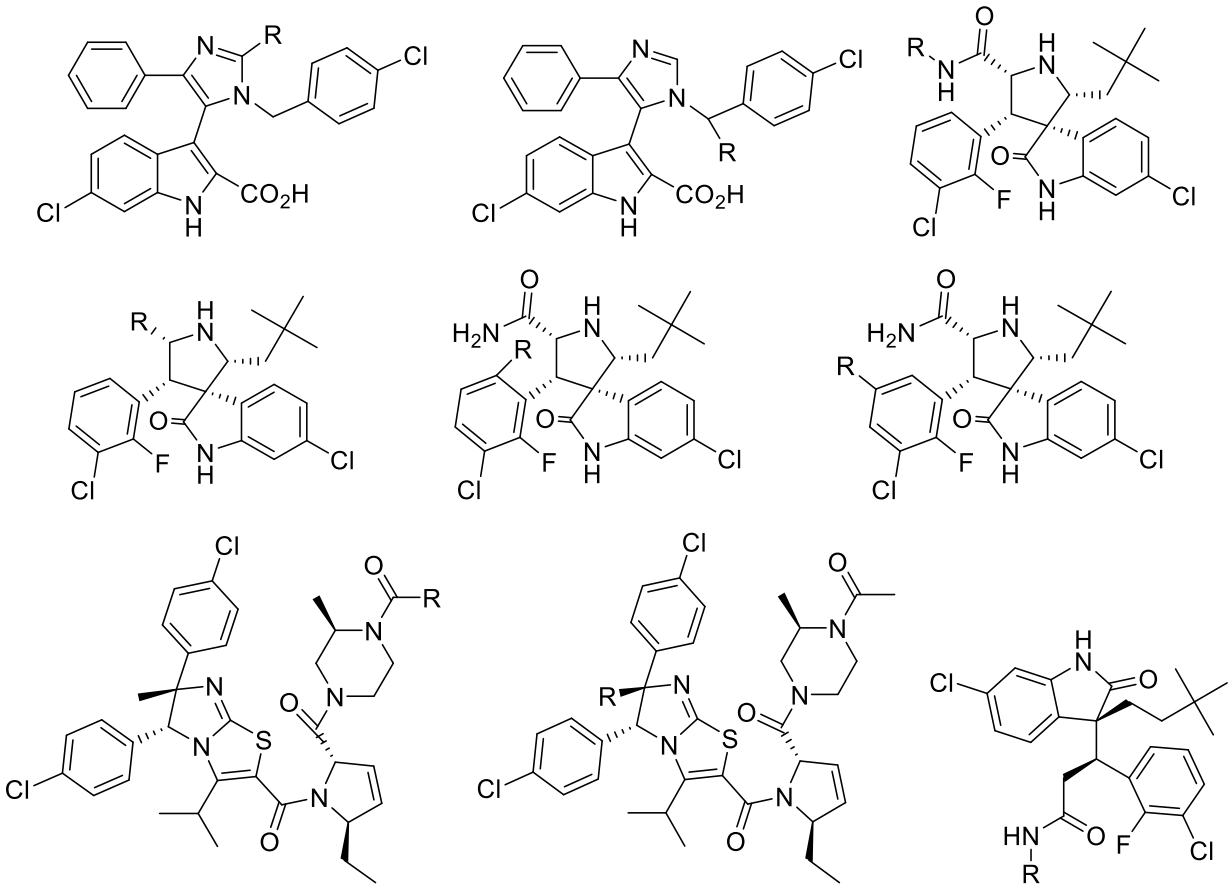

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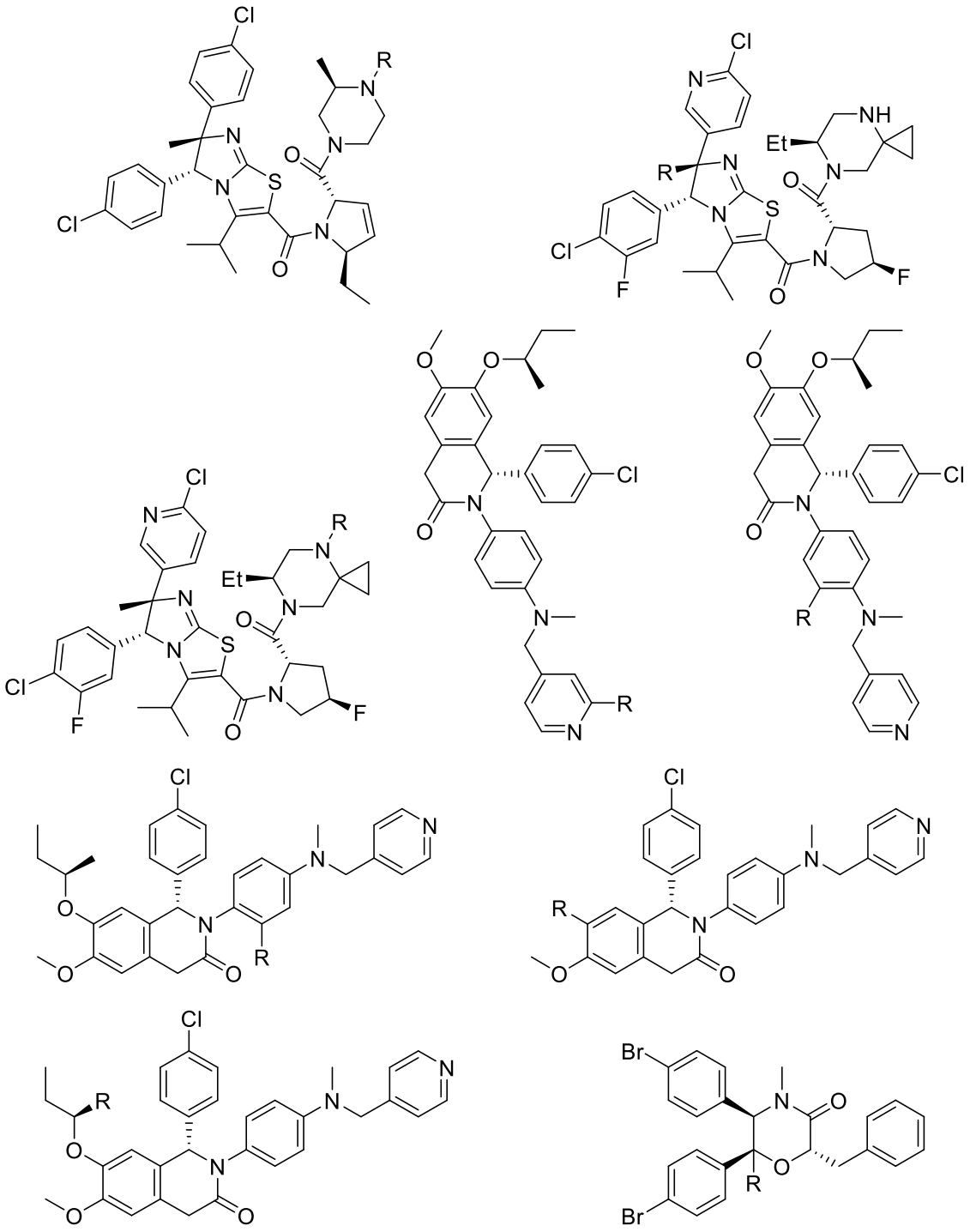

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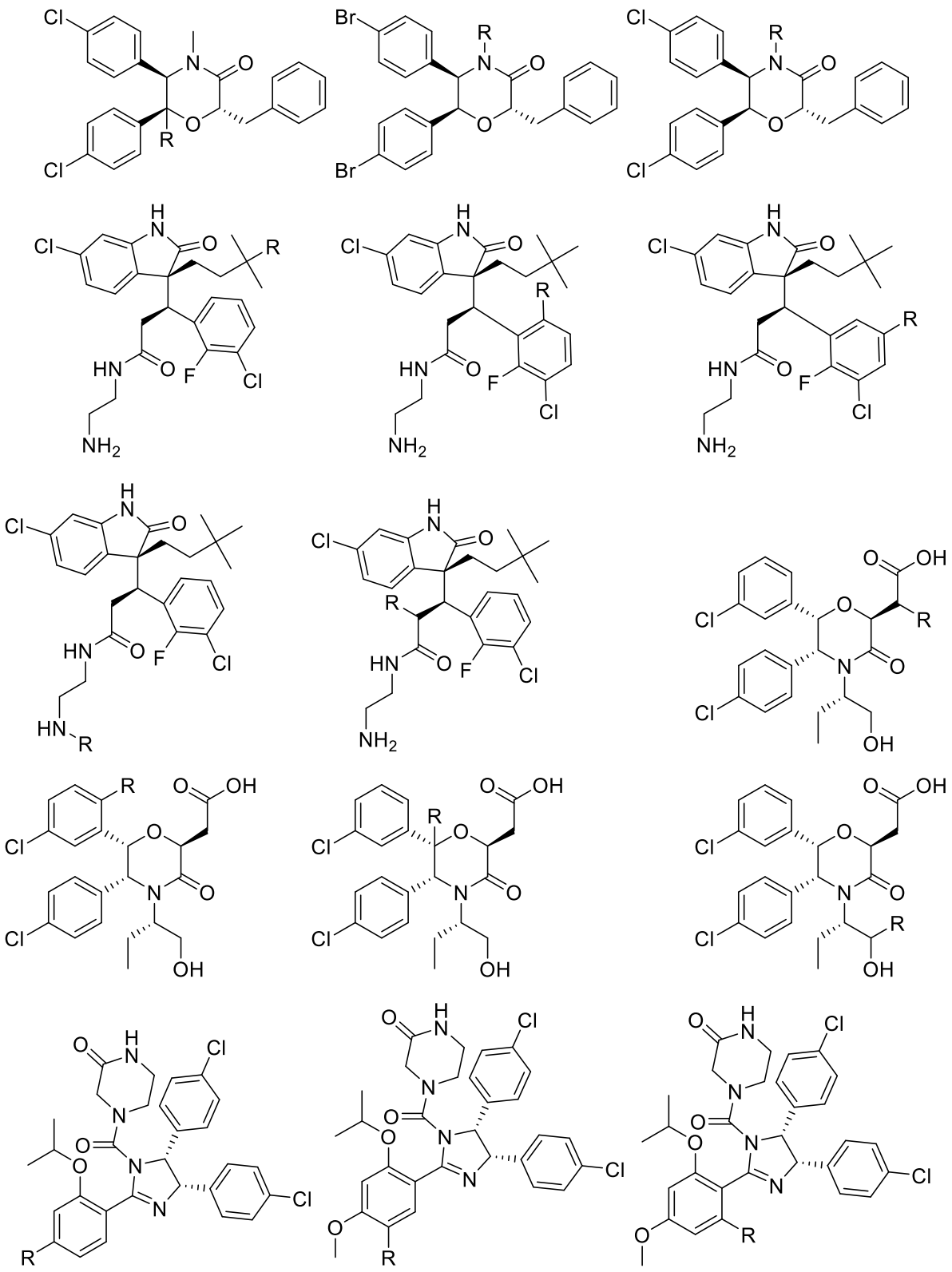

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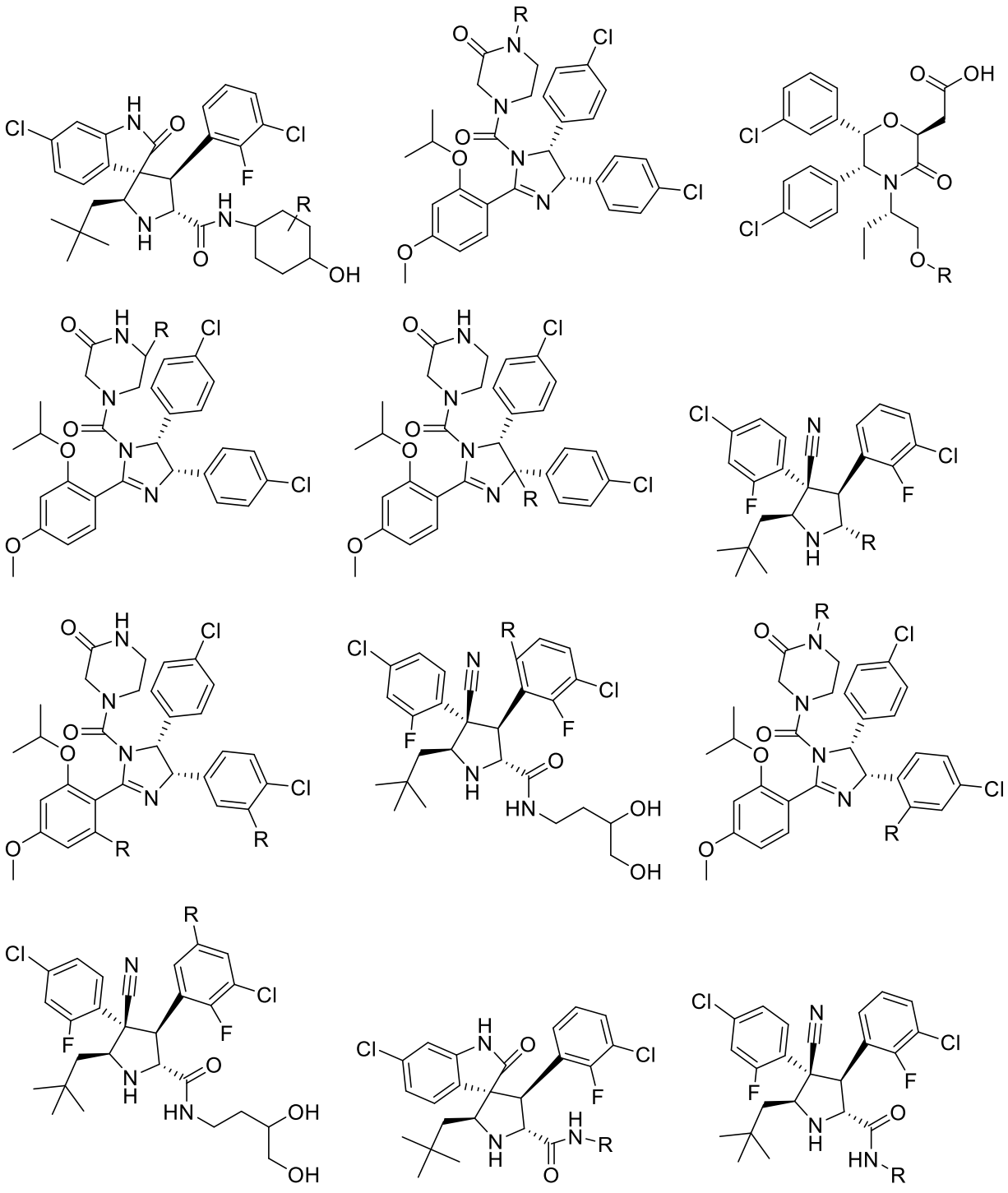

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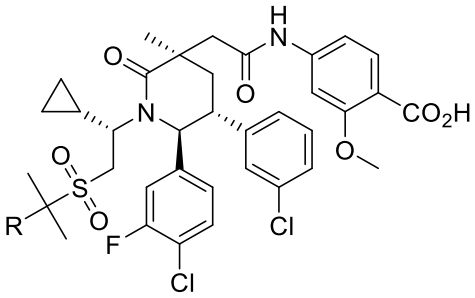

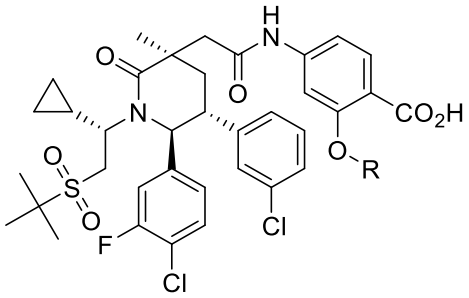

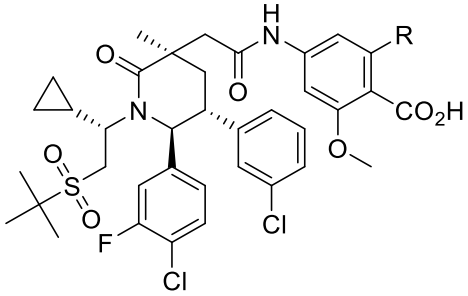

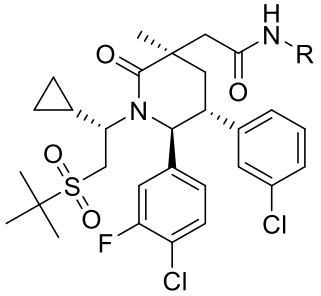

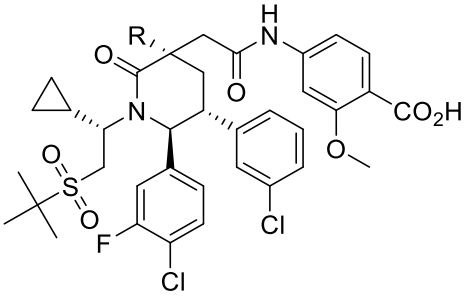

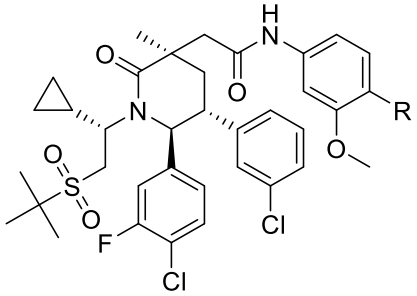

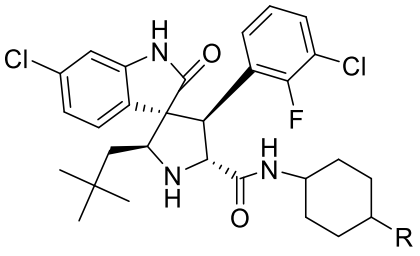

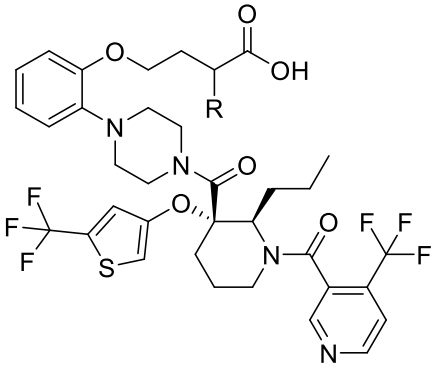

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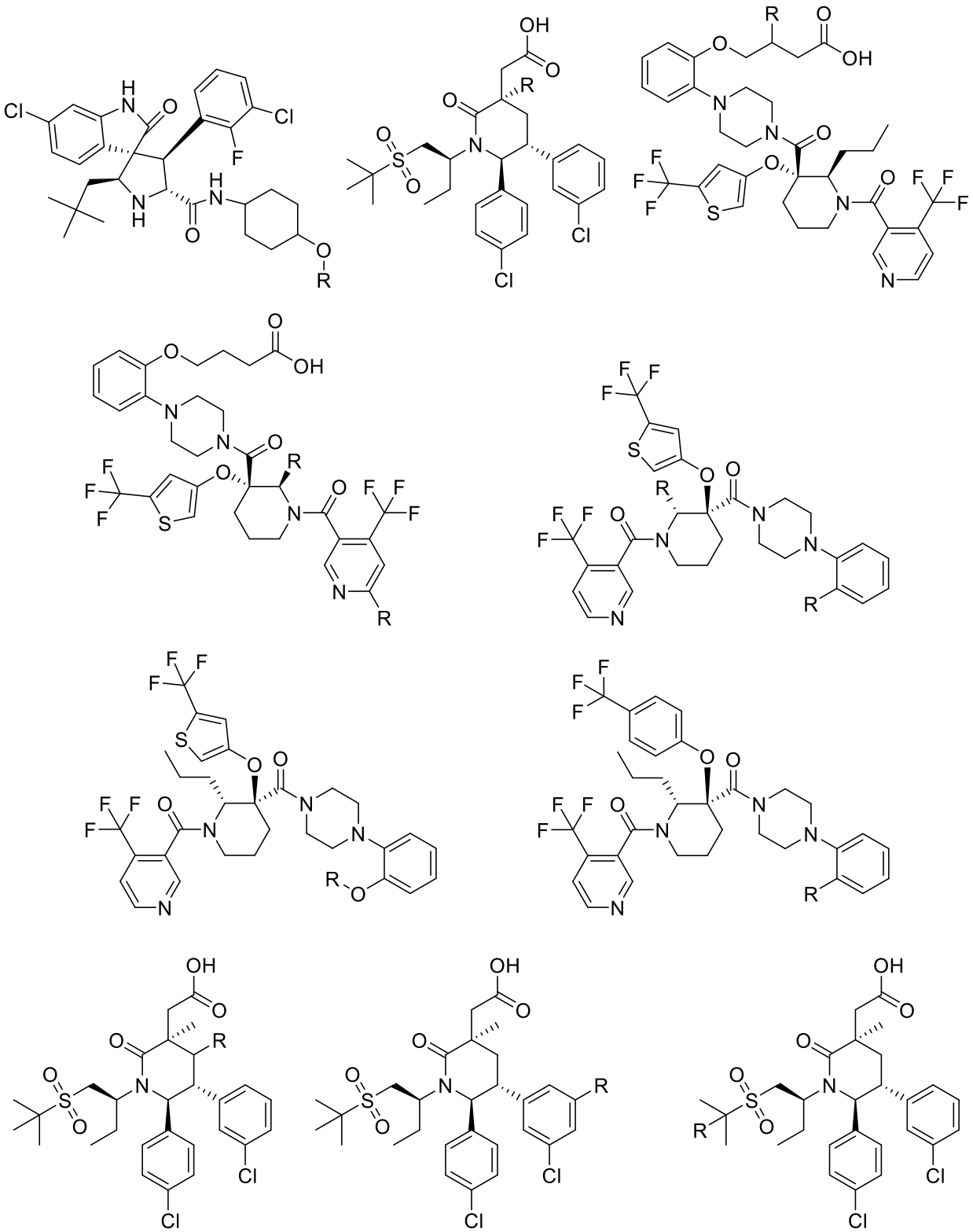

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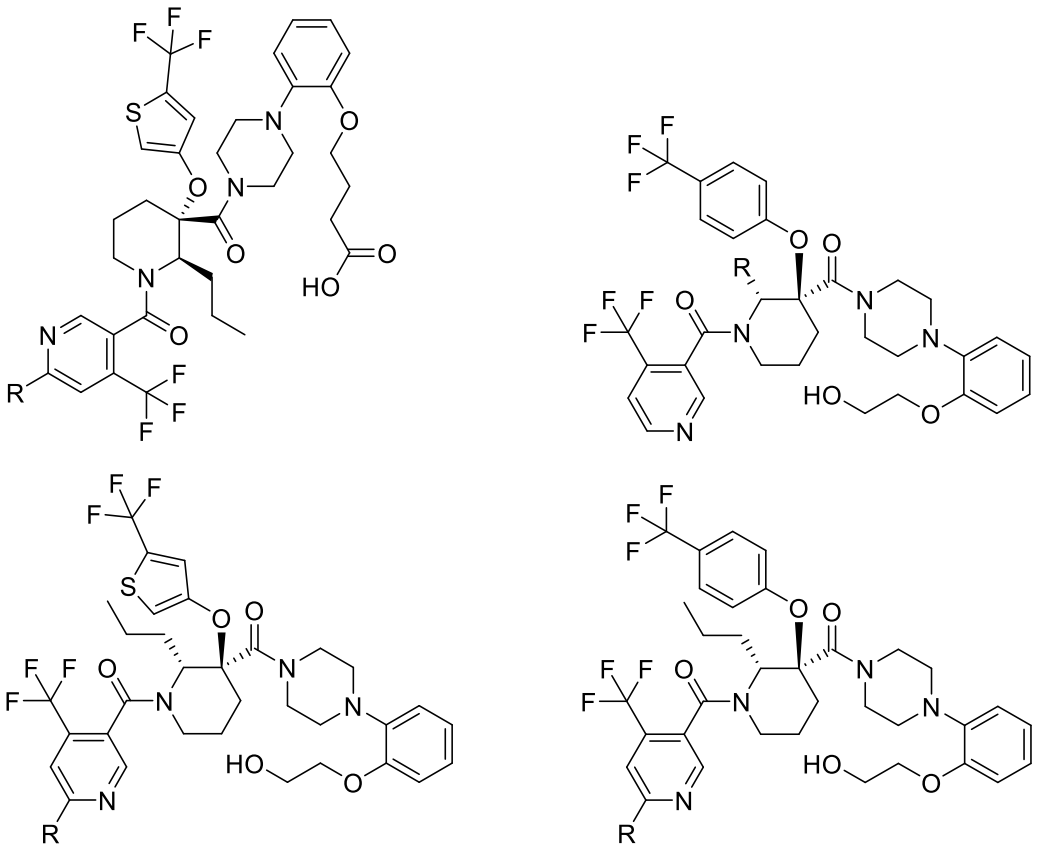

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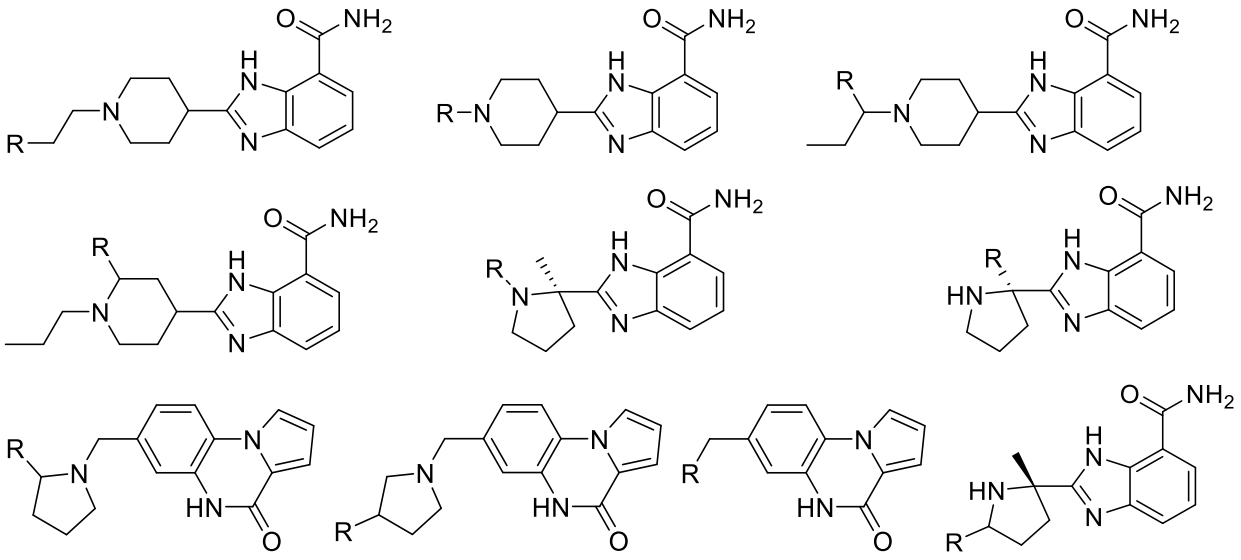

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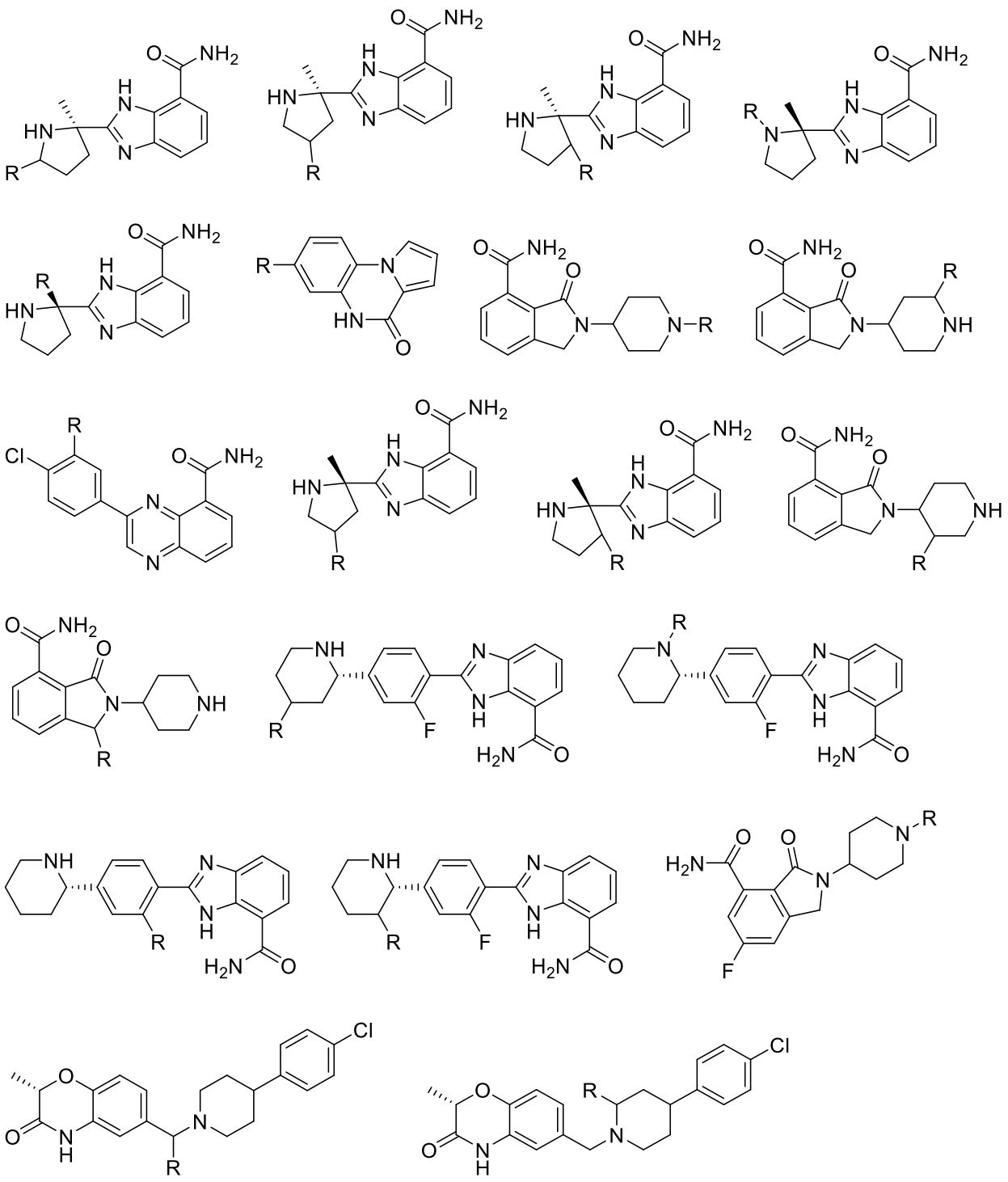

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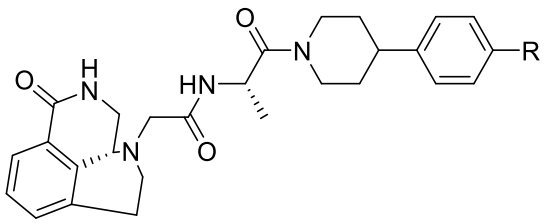

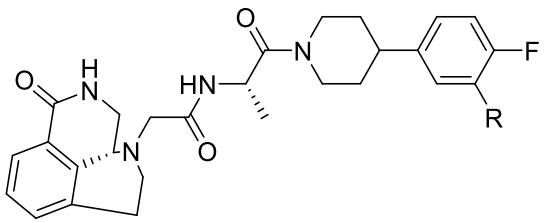

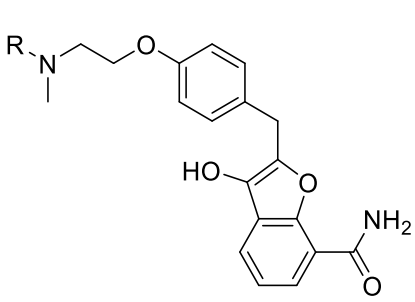

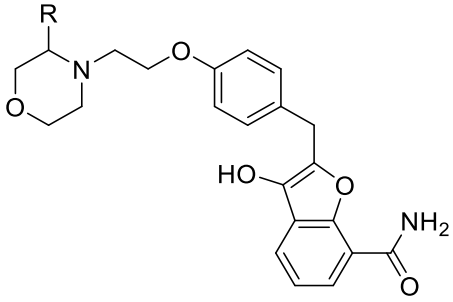

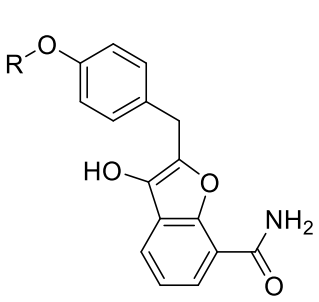

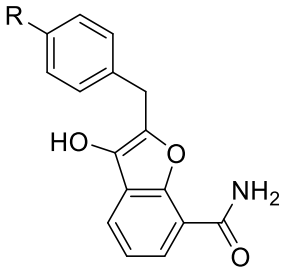

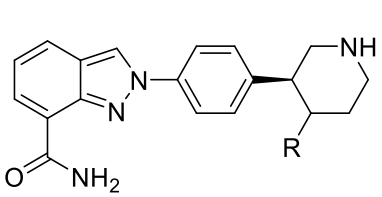

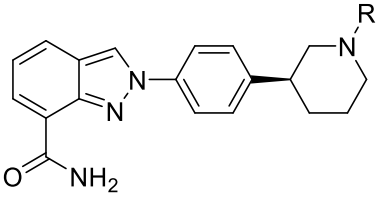

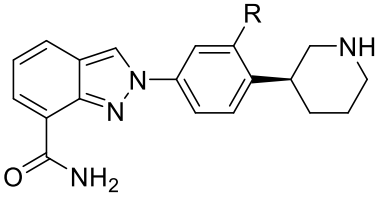

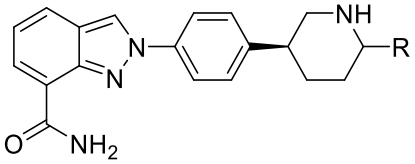

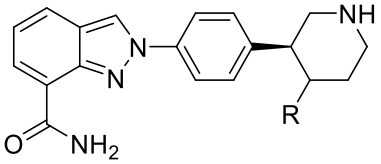

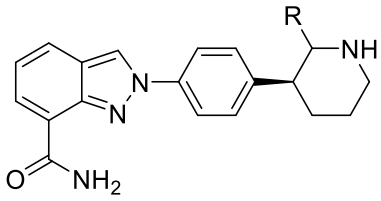

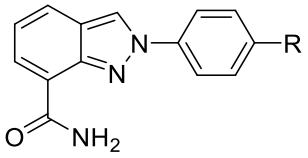

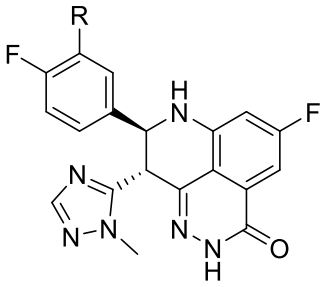

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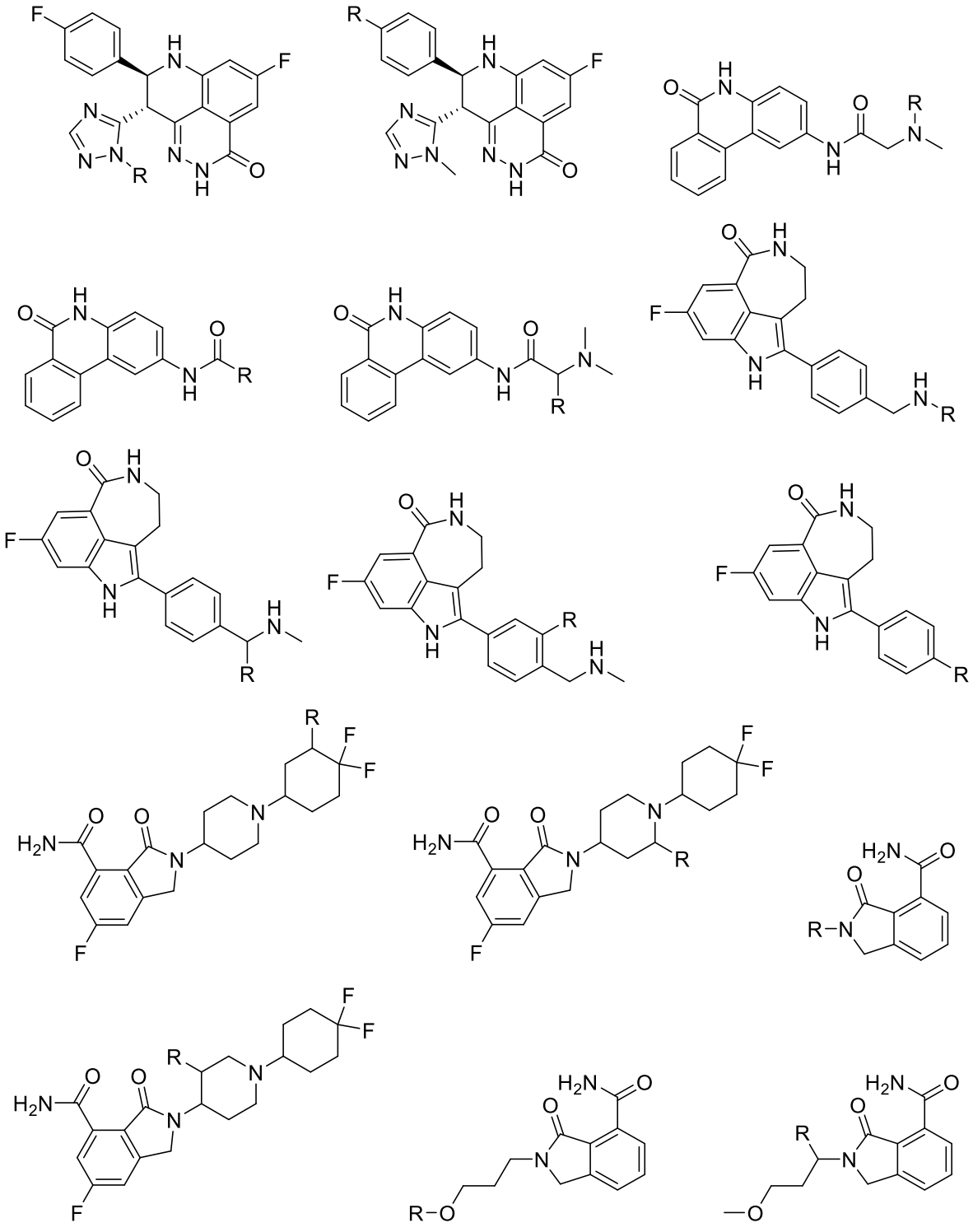

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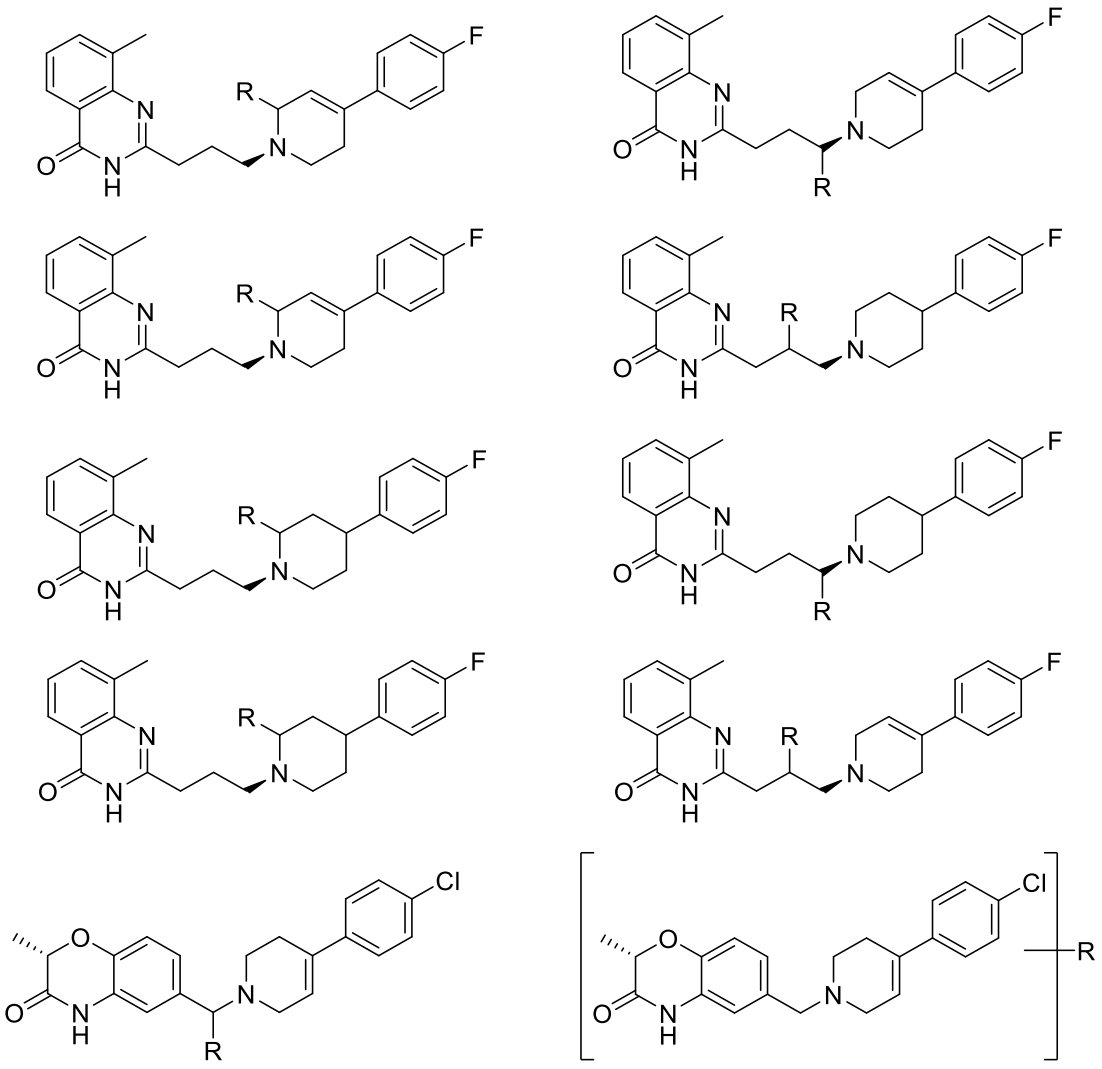

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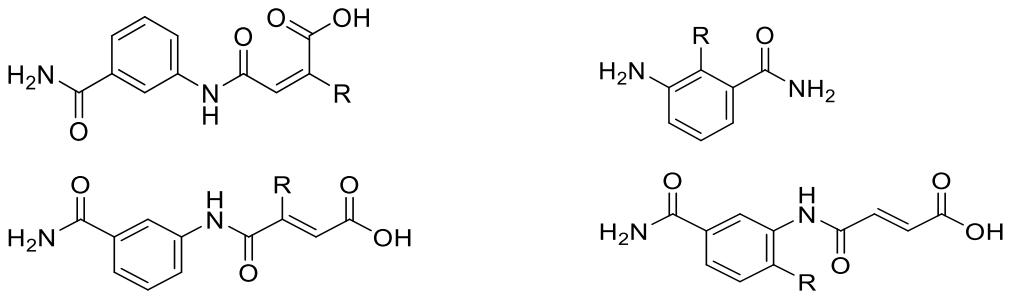
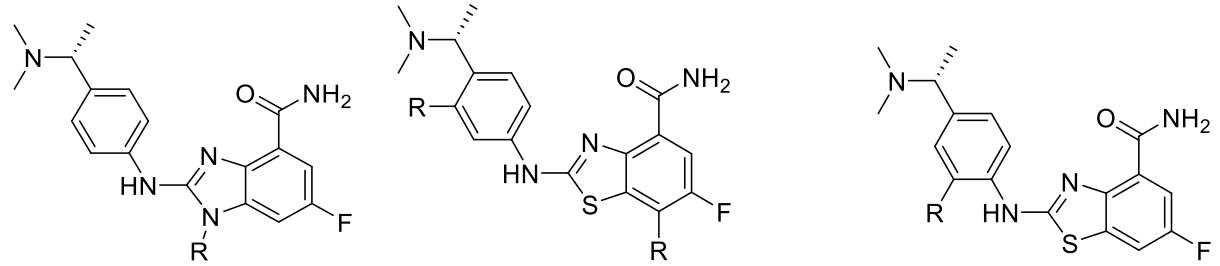


FIG. 2GGGGG



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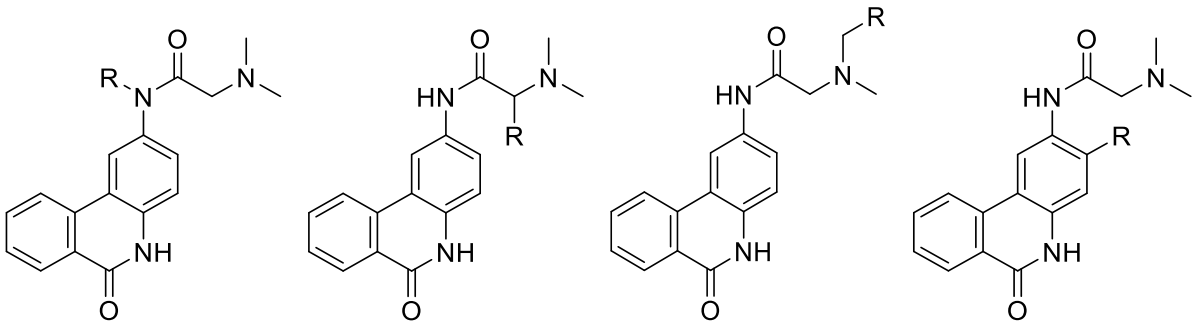
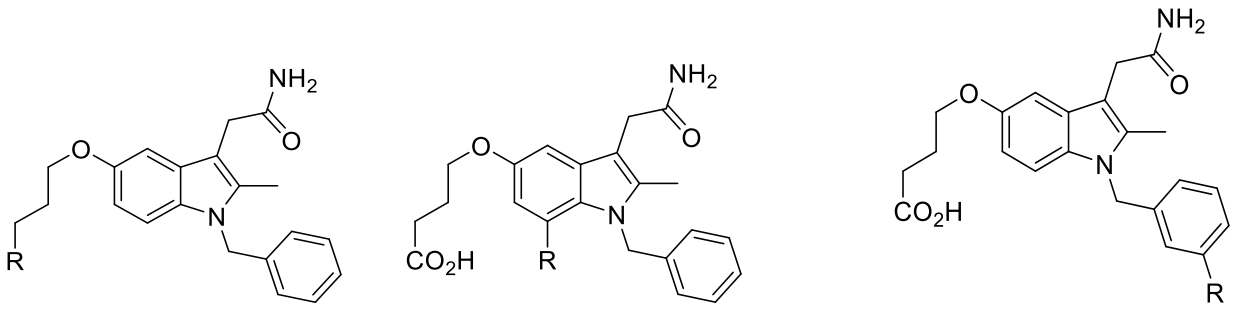


FIG. 2IIIII



FIG. 2JJJJJ



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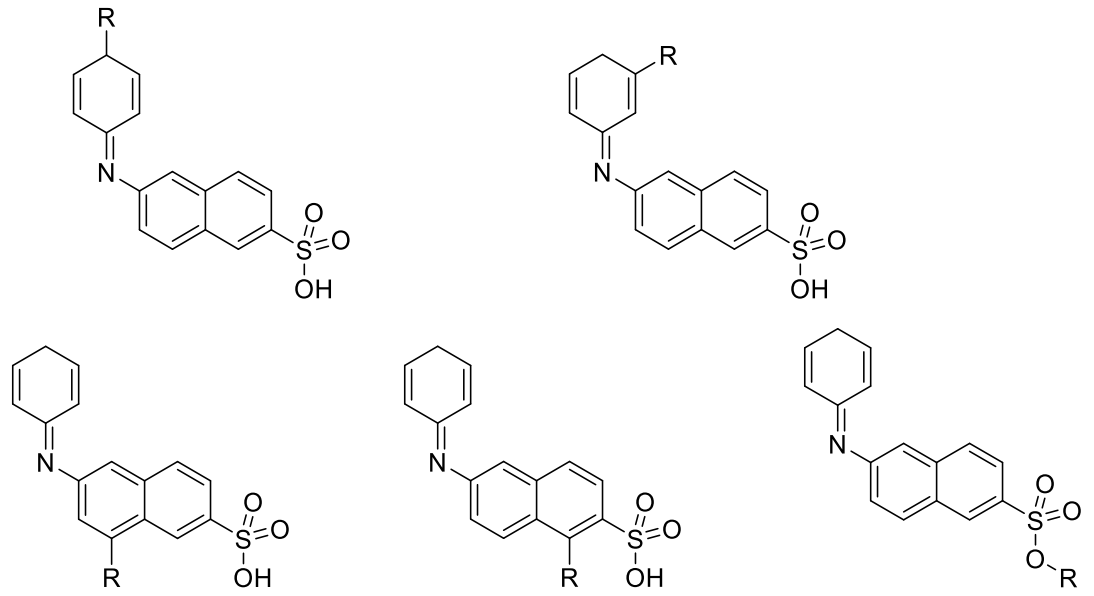

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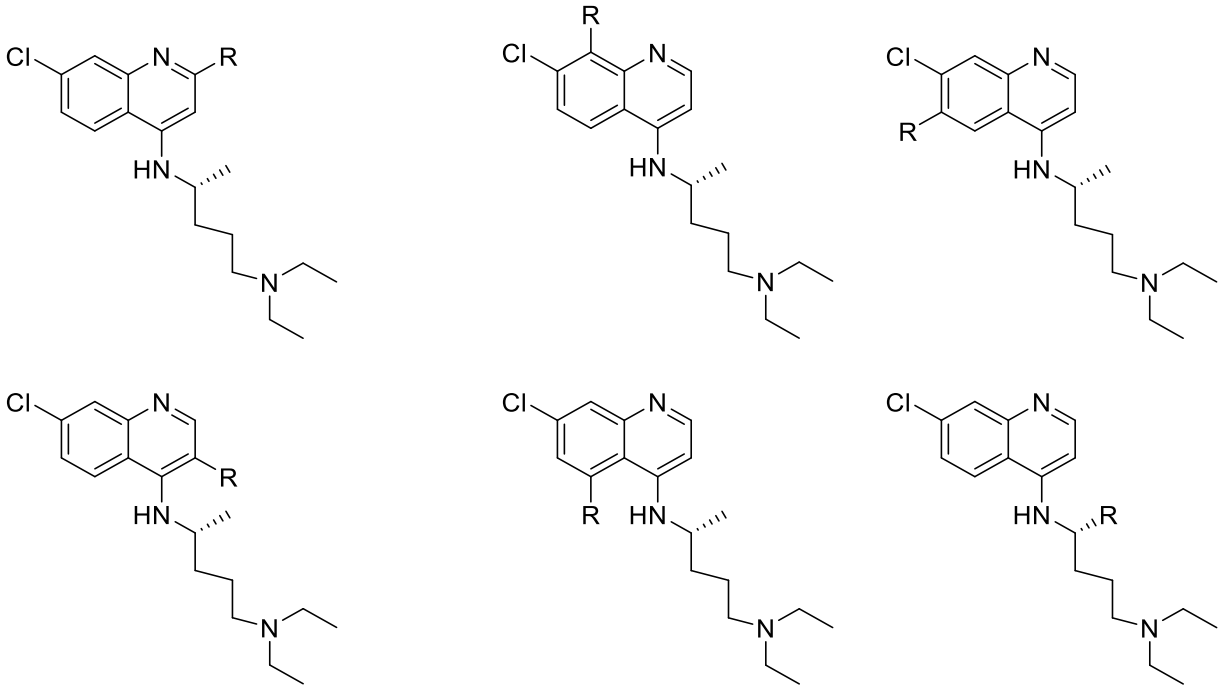

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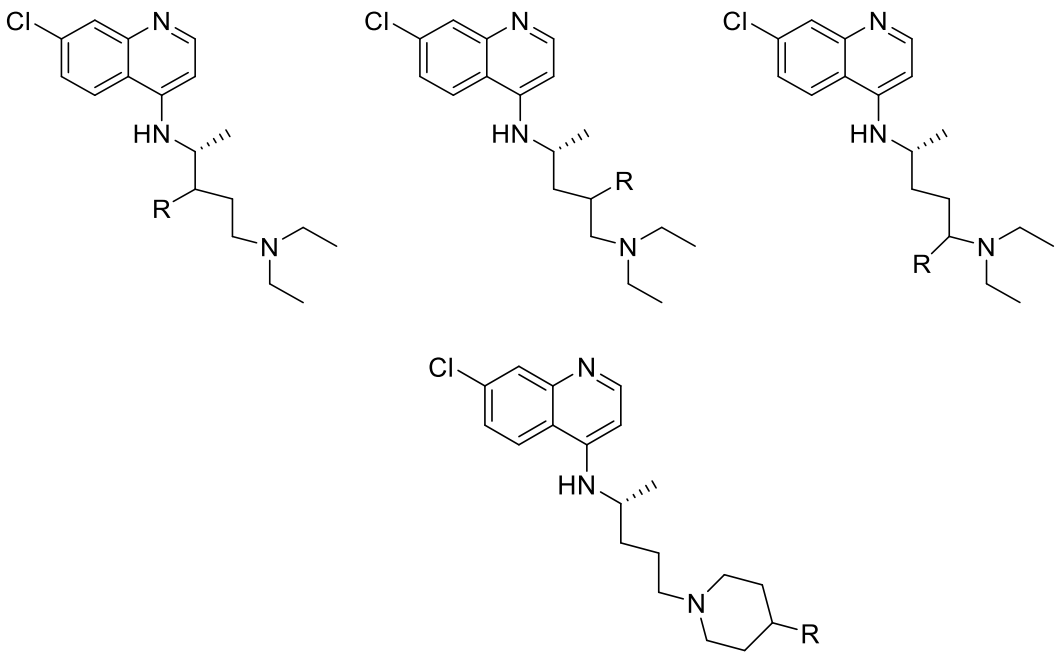

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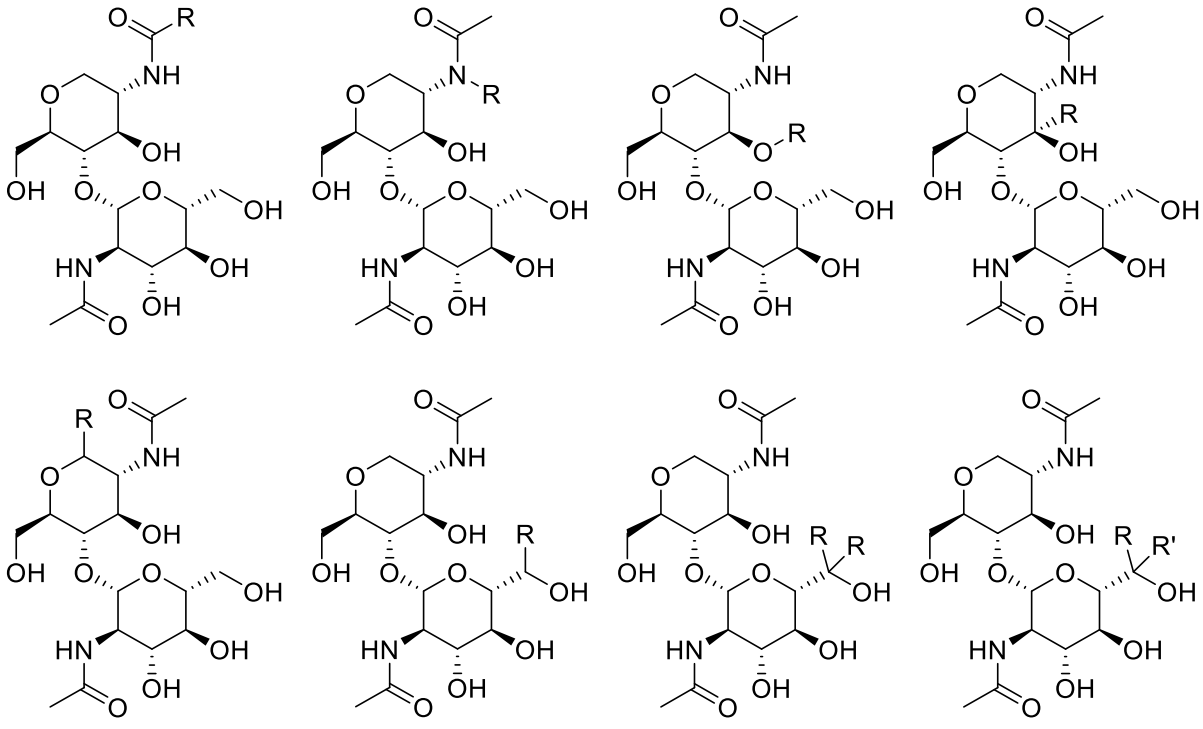

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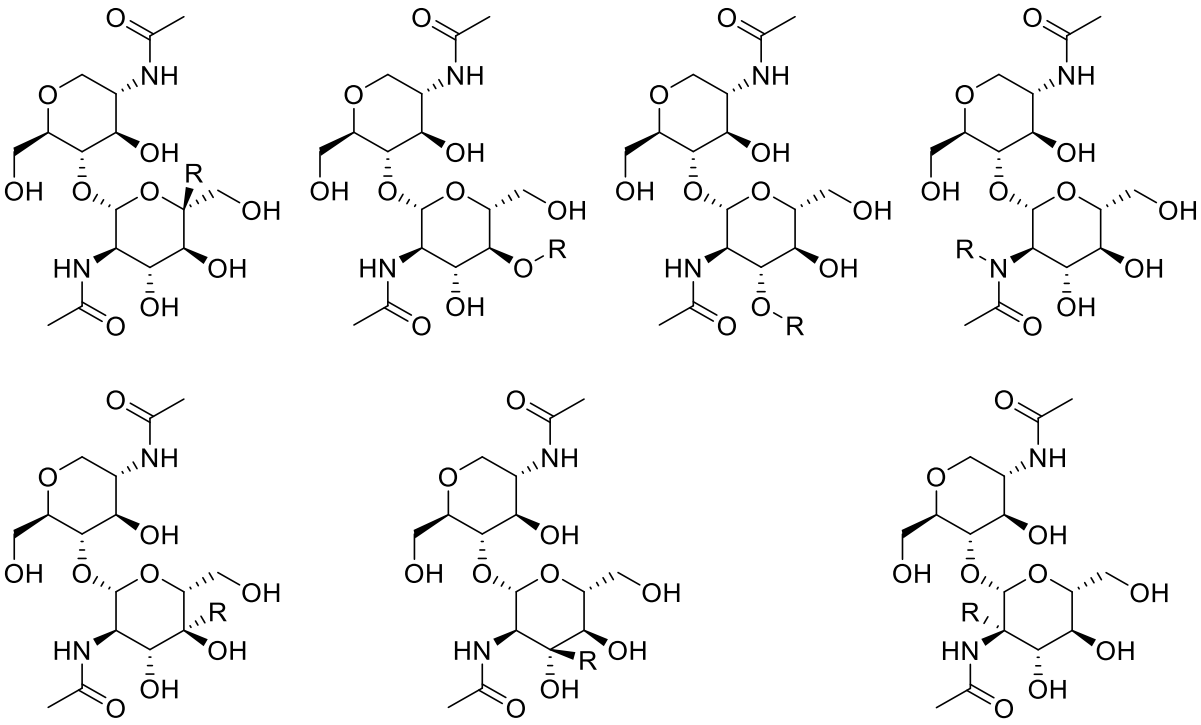

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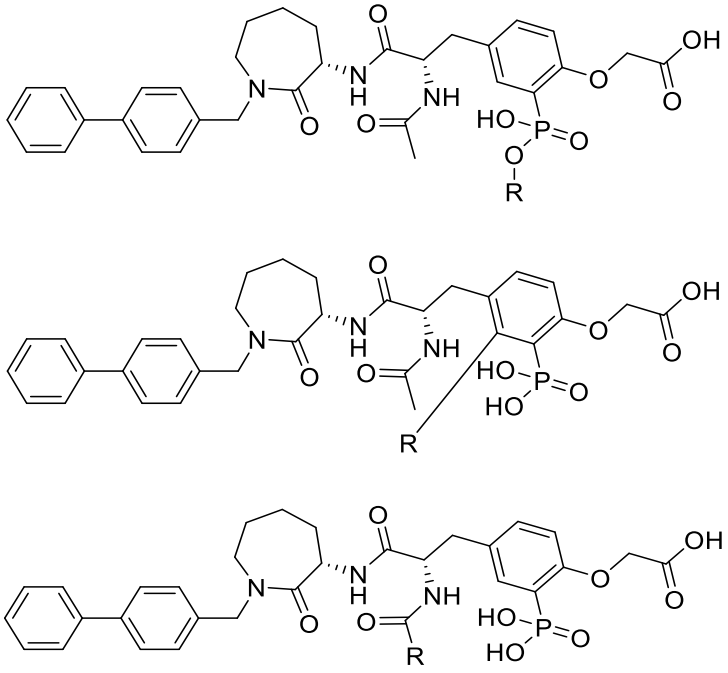

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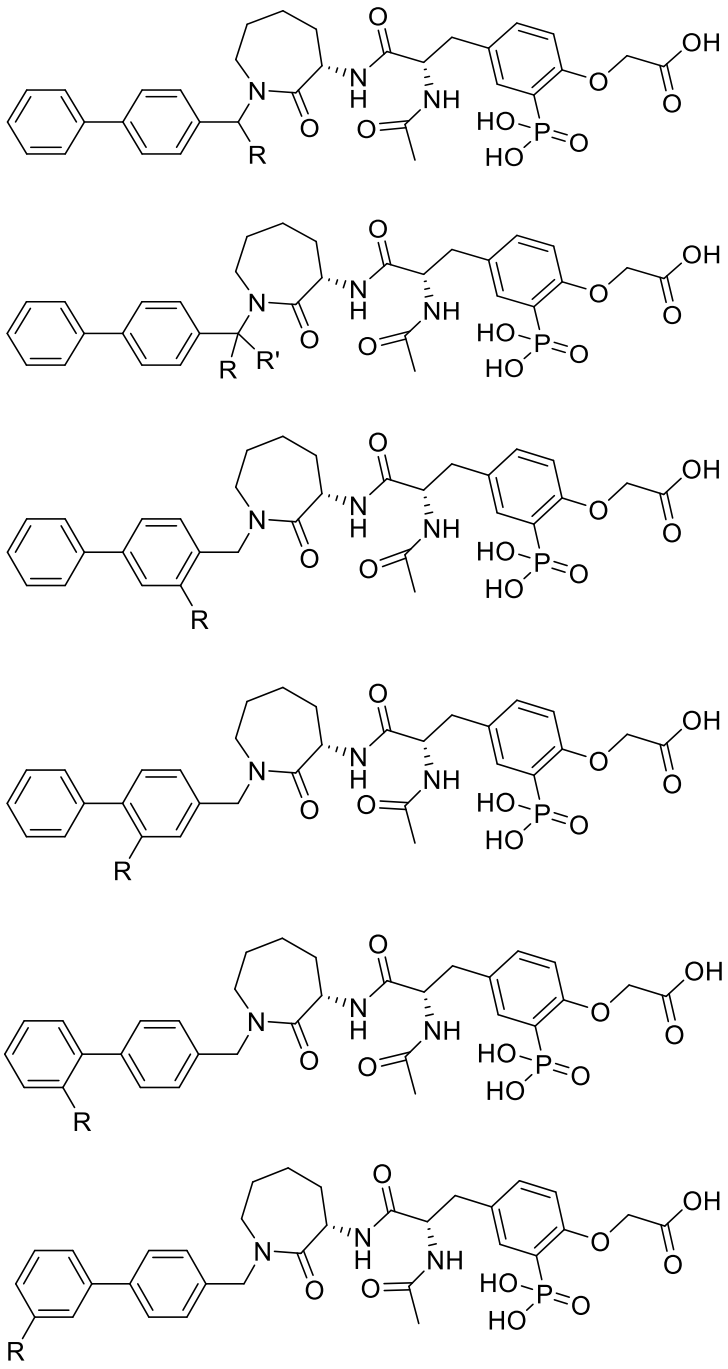

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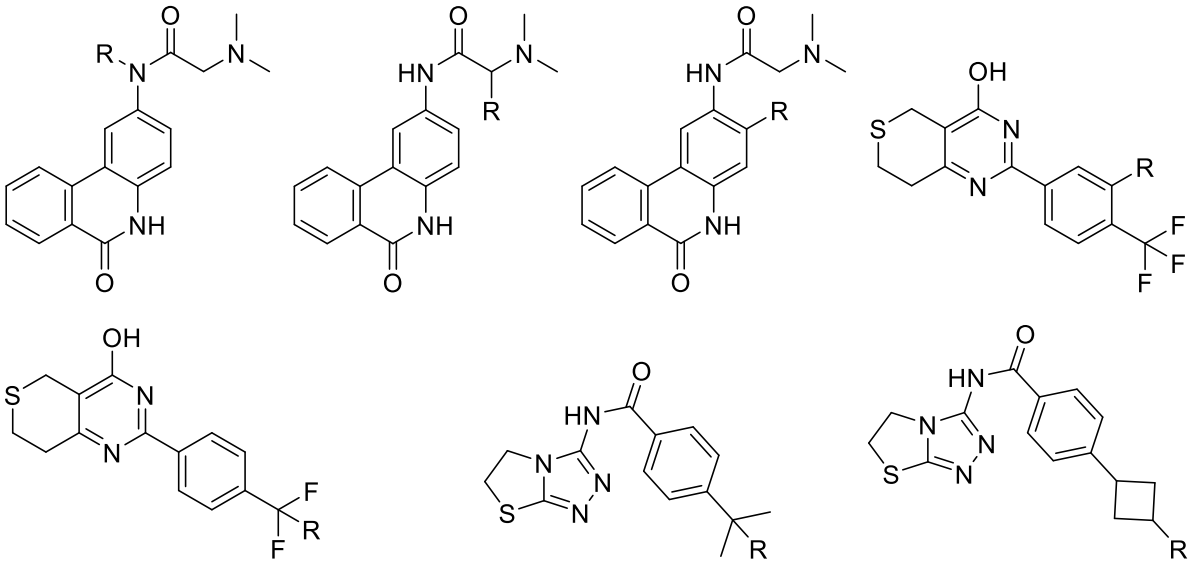

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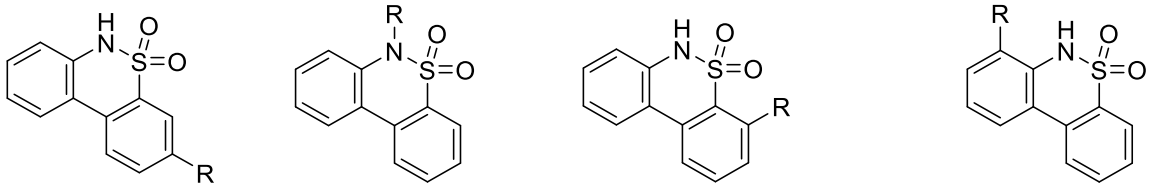

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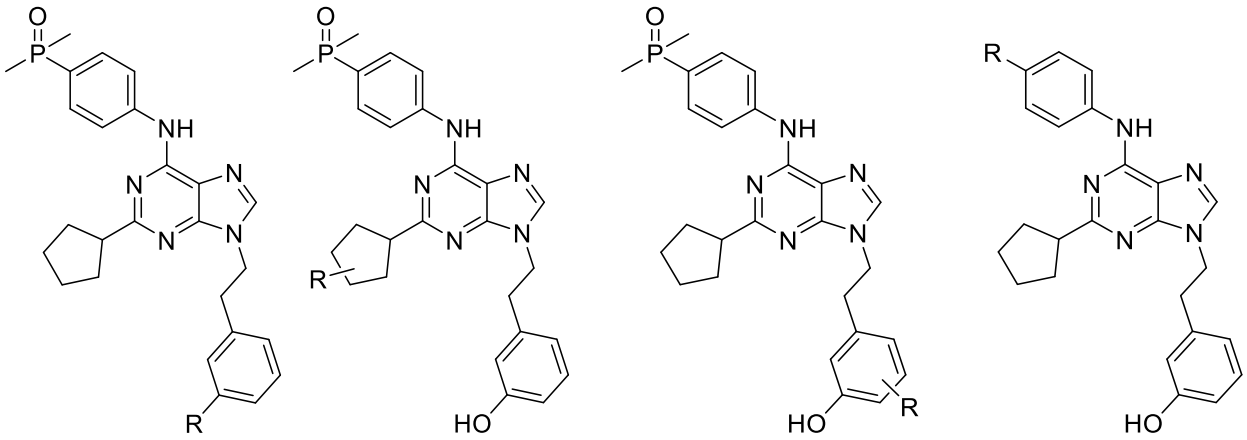

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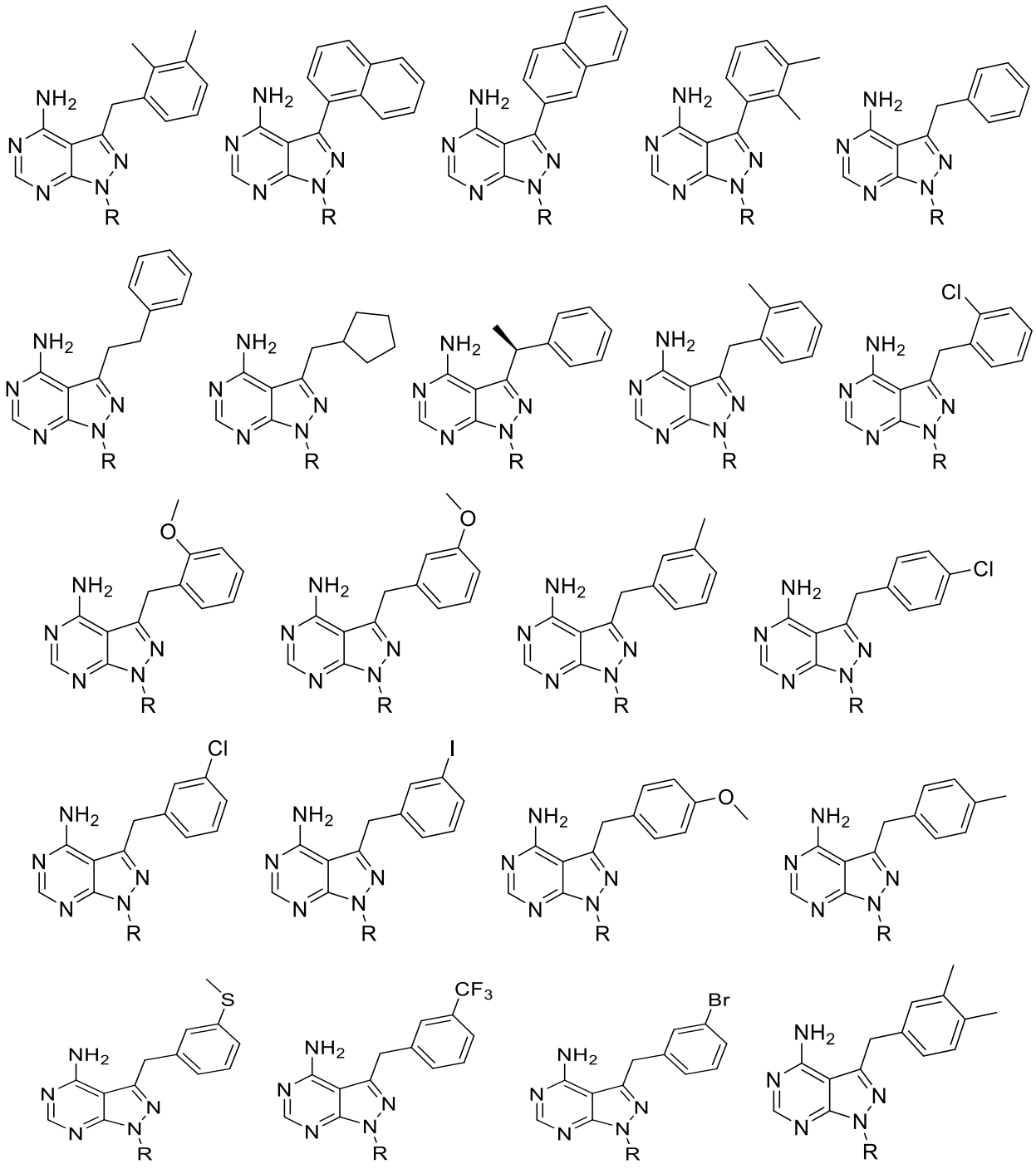

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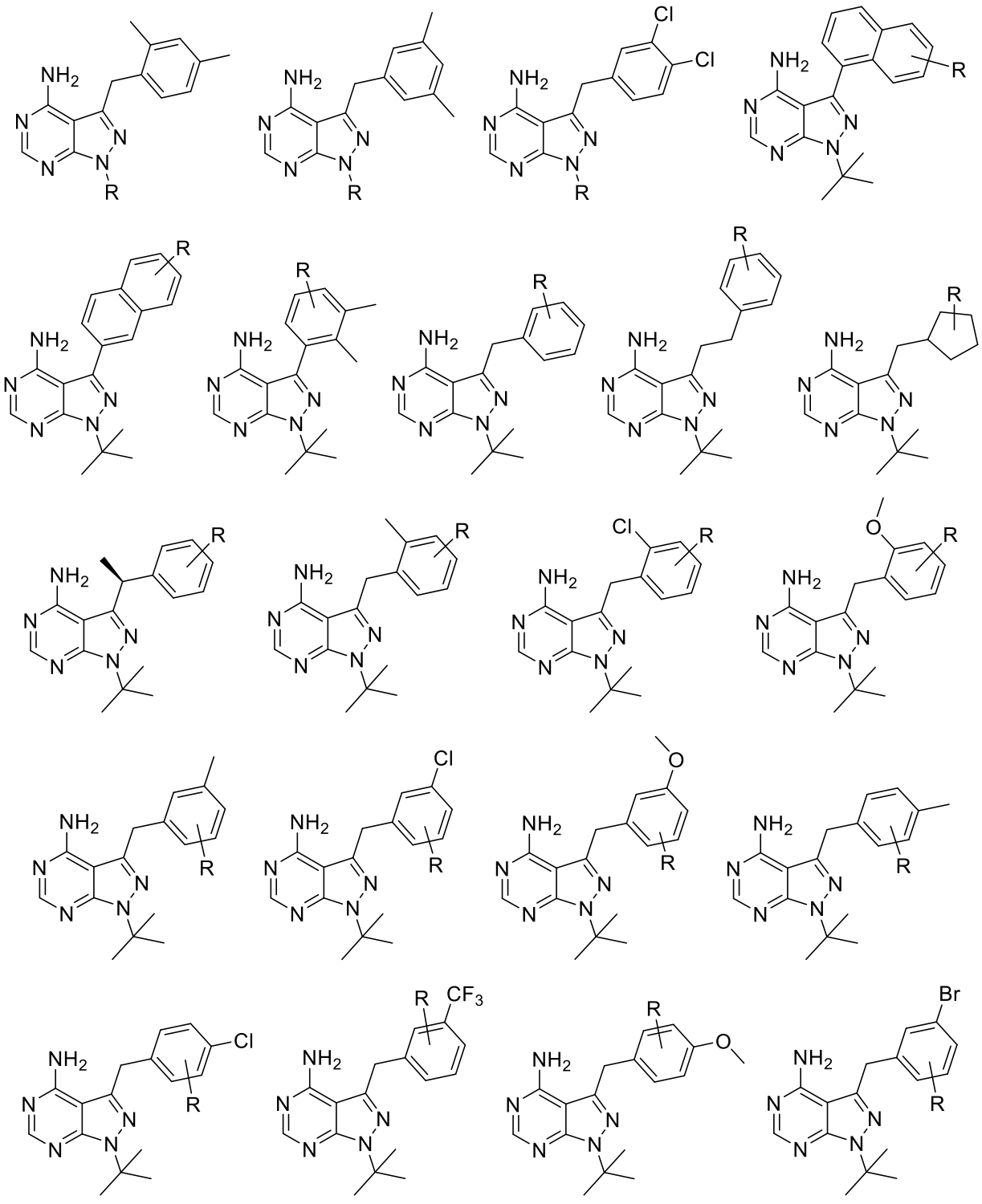

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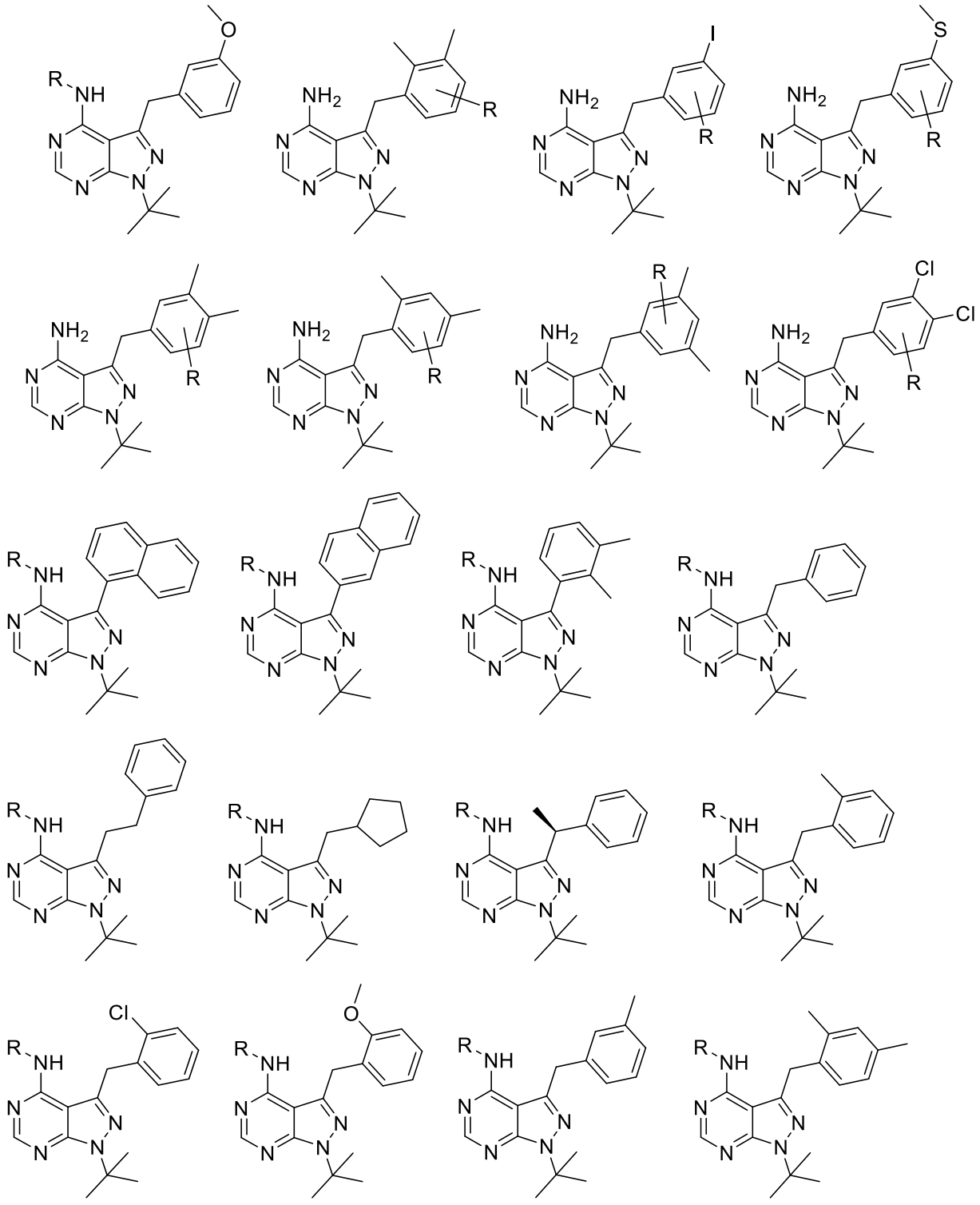

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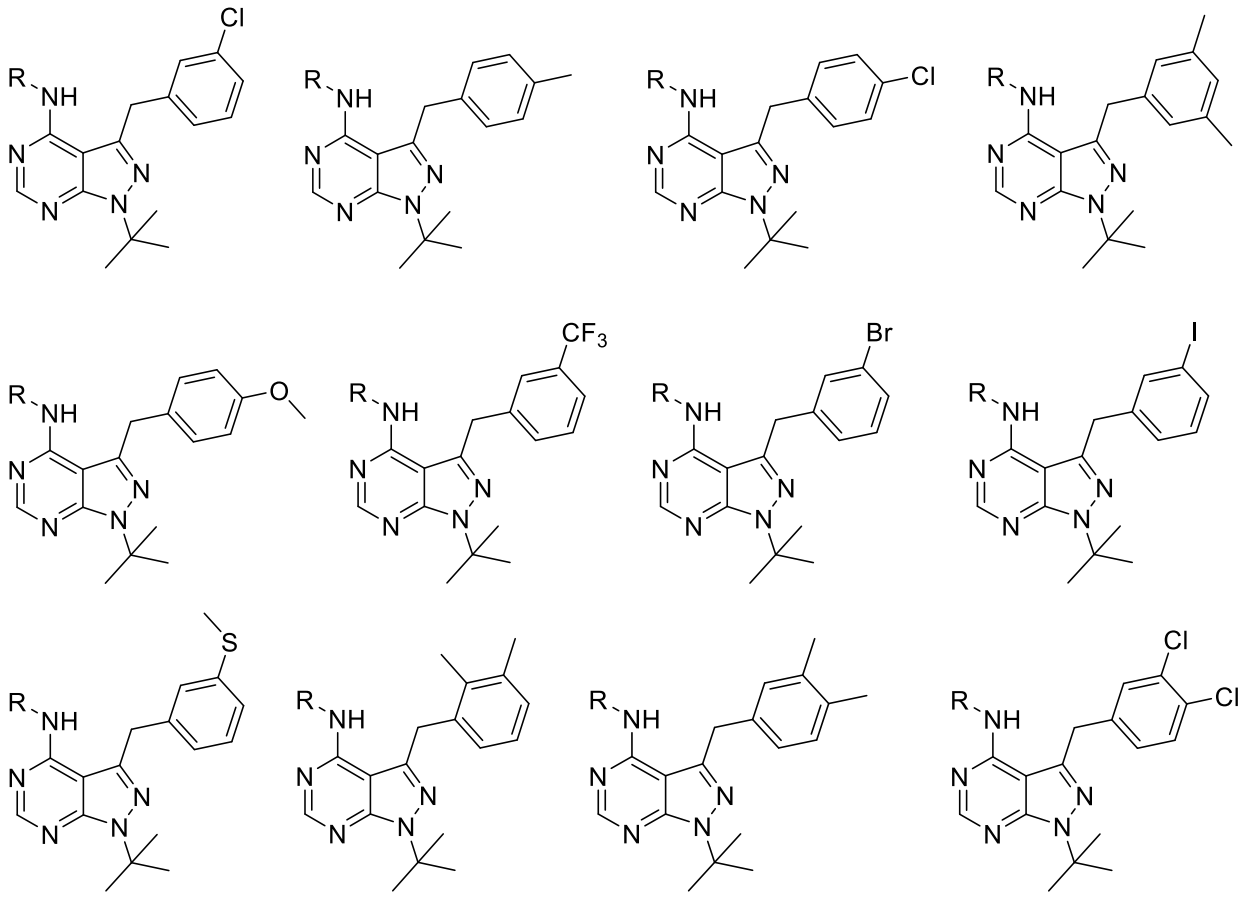

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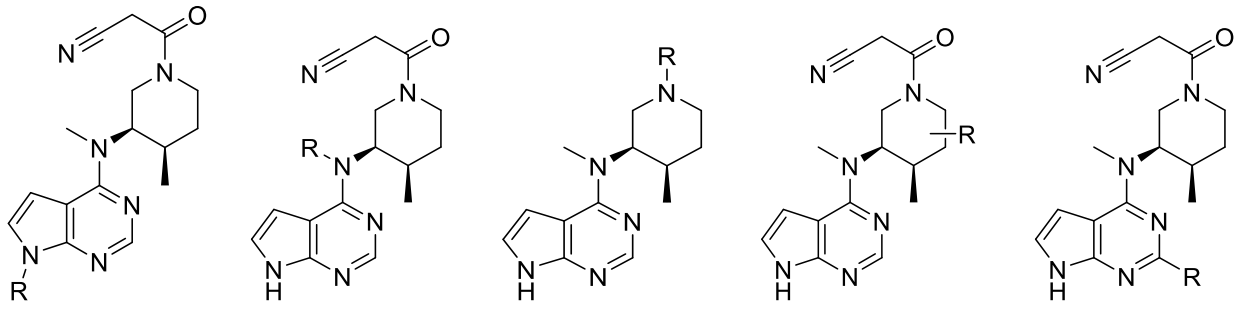

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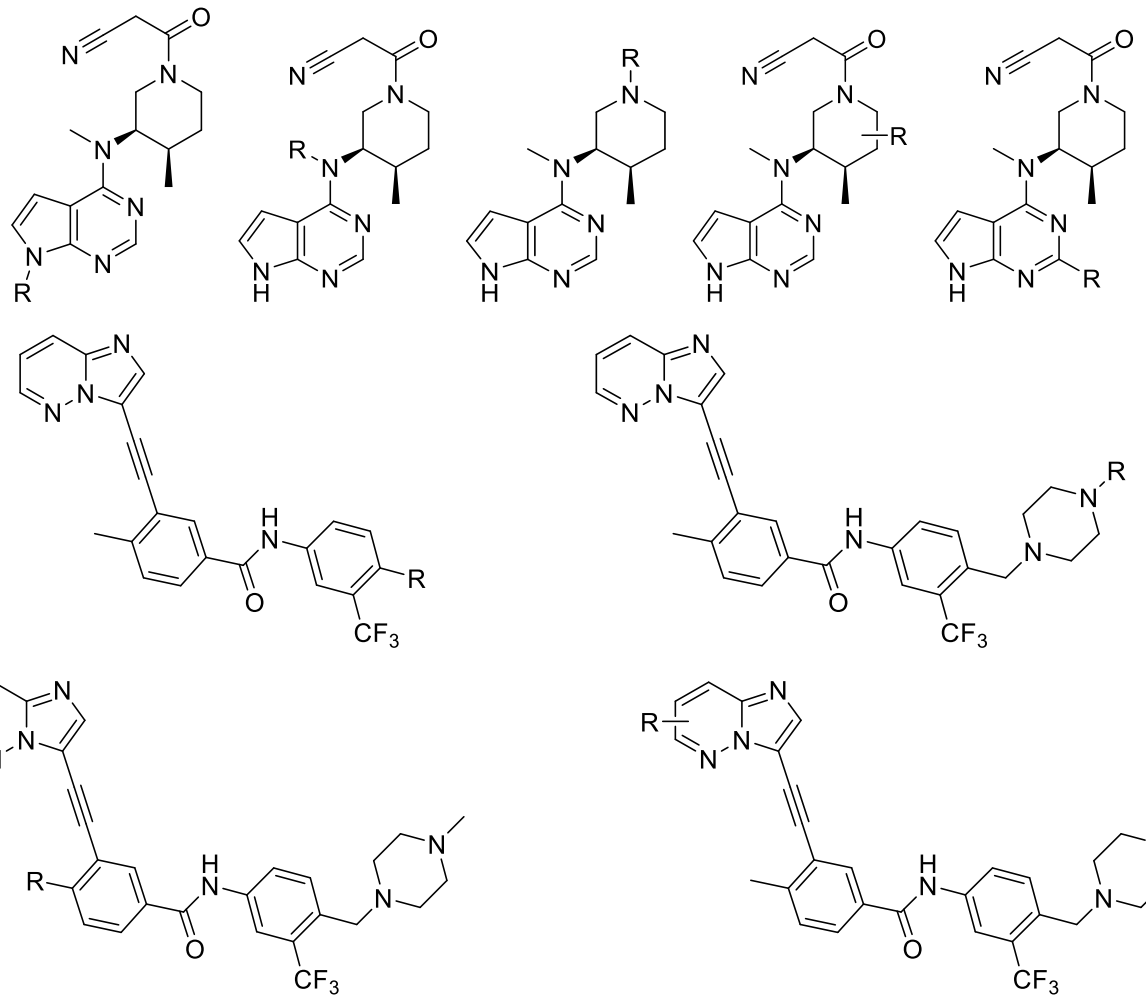


FIG. 3A

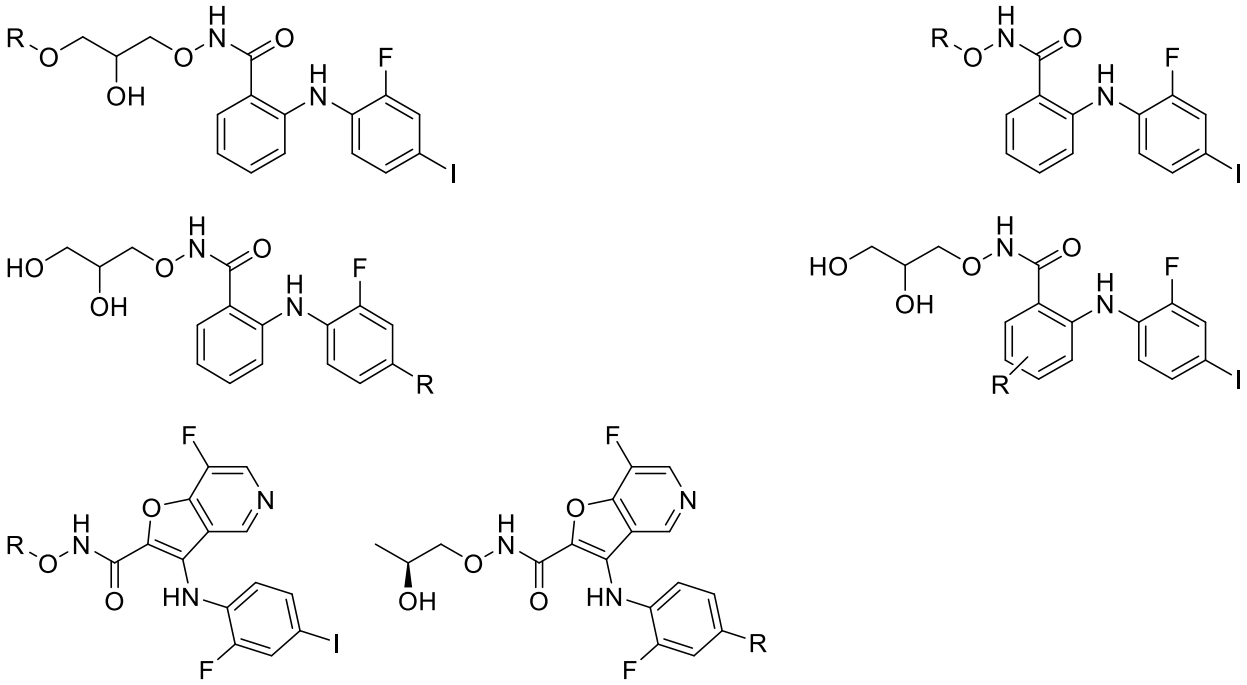


FIG. 3B

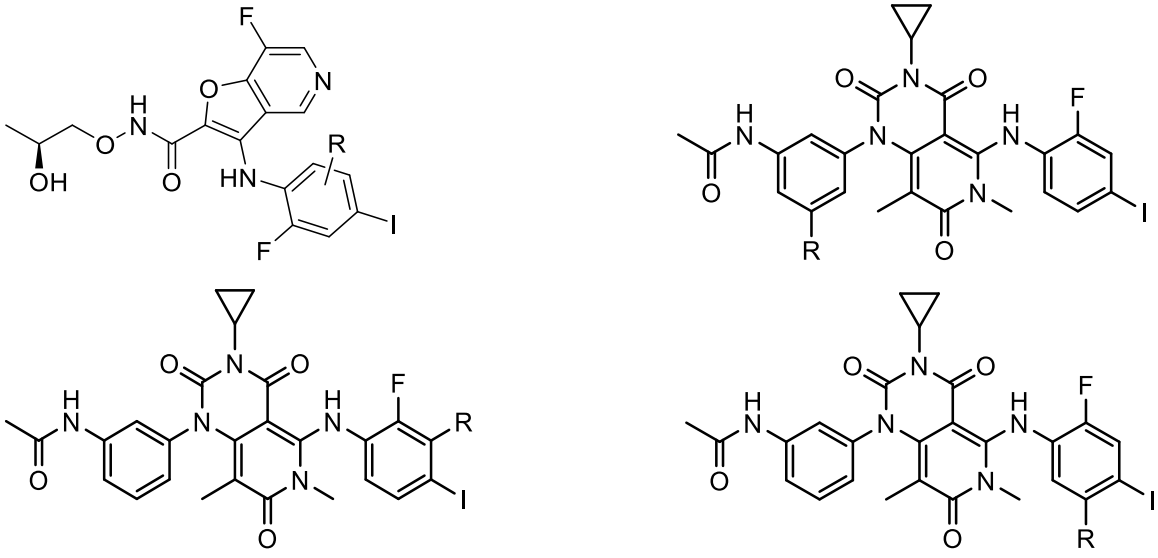


FIG. 3C

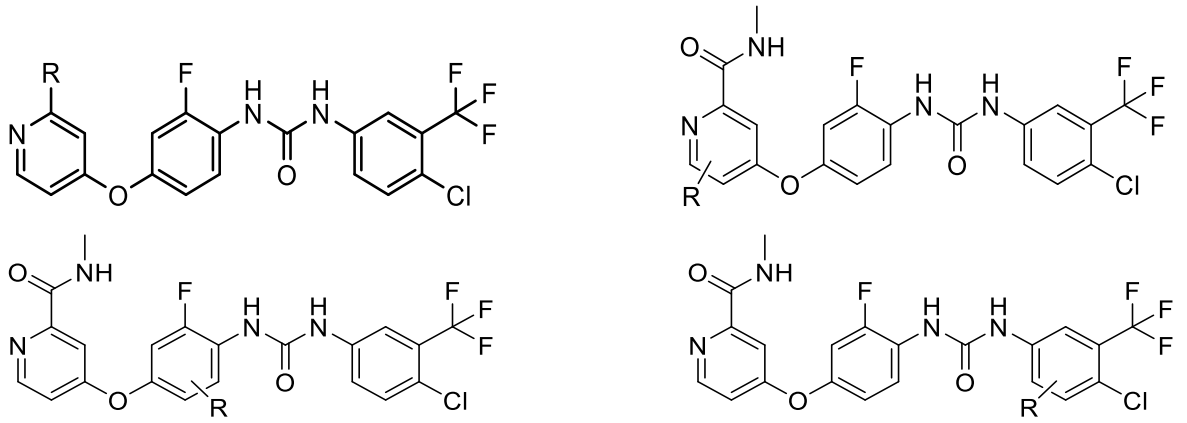


FIG. 3D

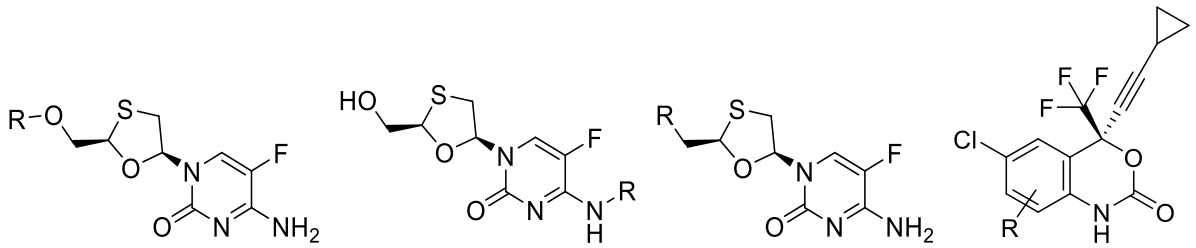


FIG. 3E

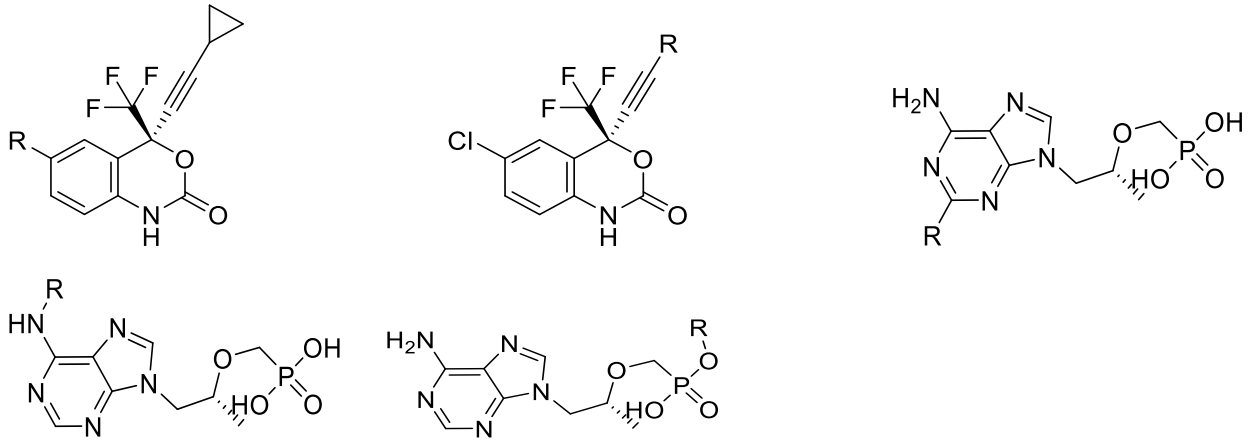
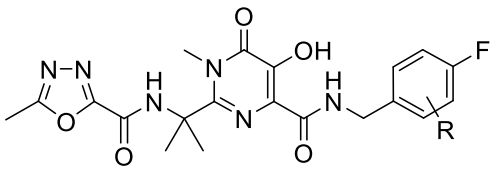
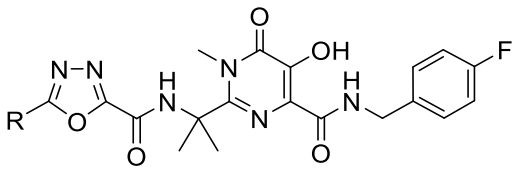
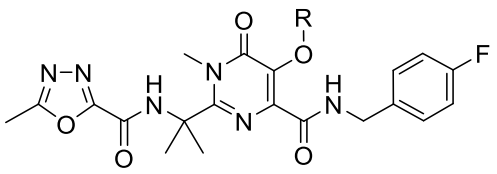
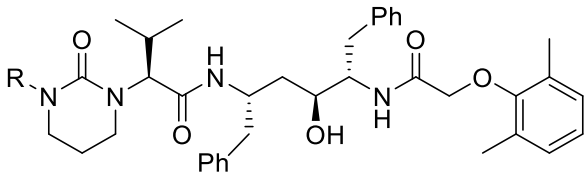


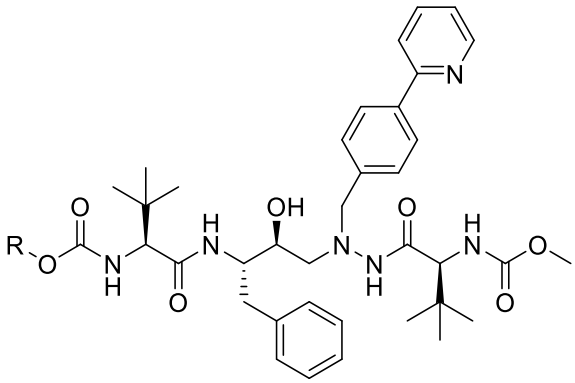
FIG. 3F











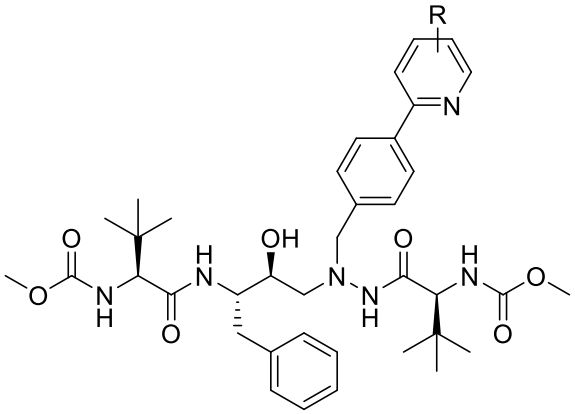


FIG. 3G

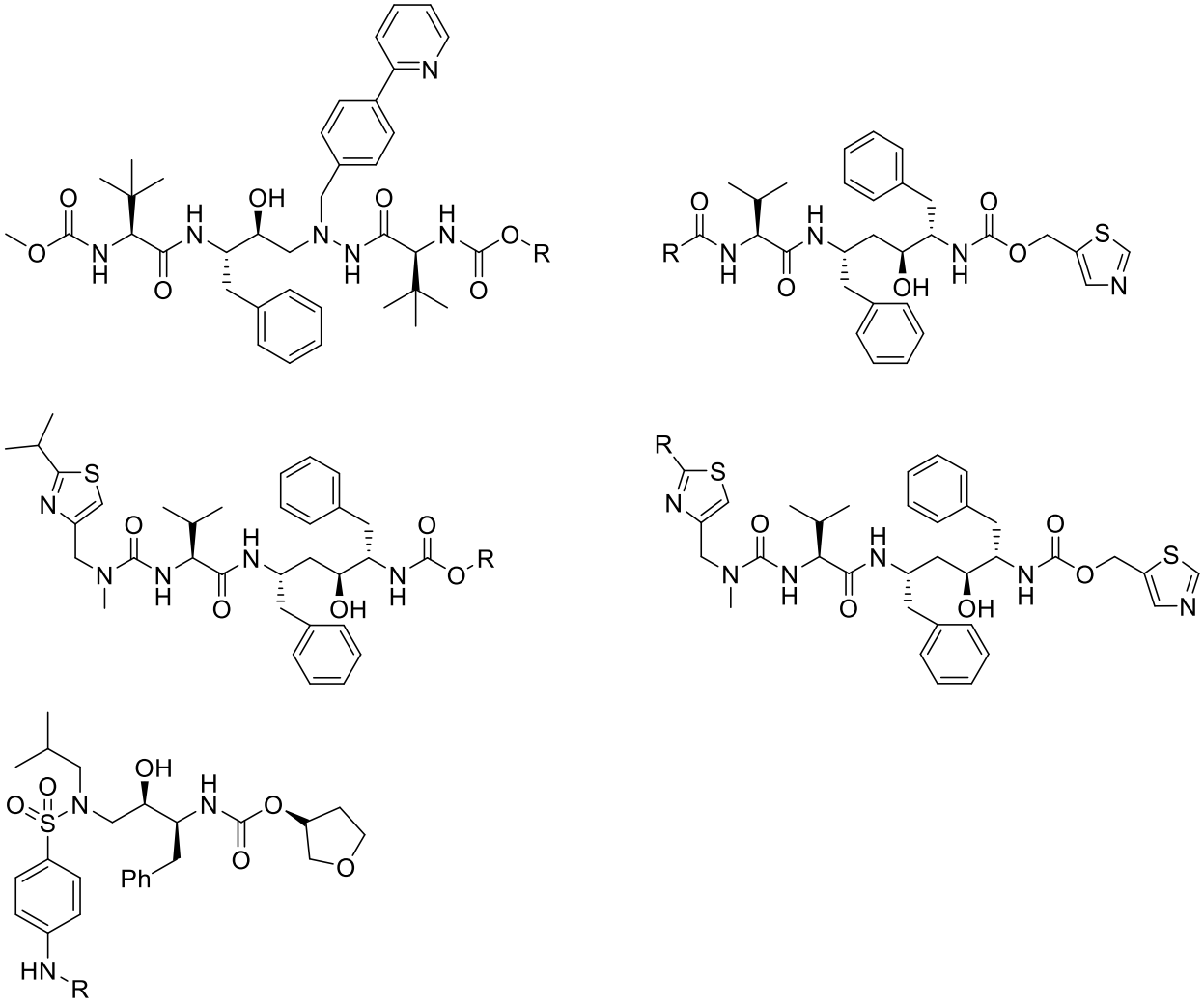


FIG. 3H

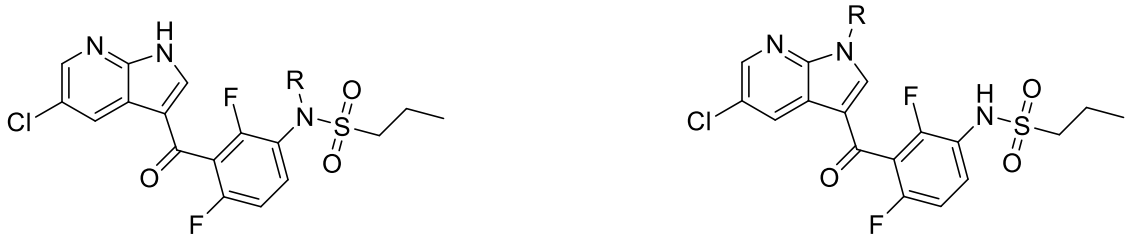
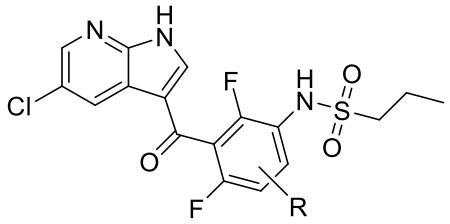


FIG. 3I



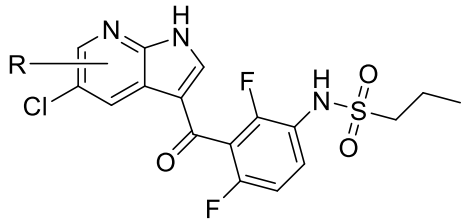


FIG. 3J

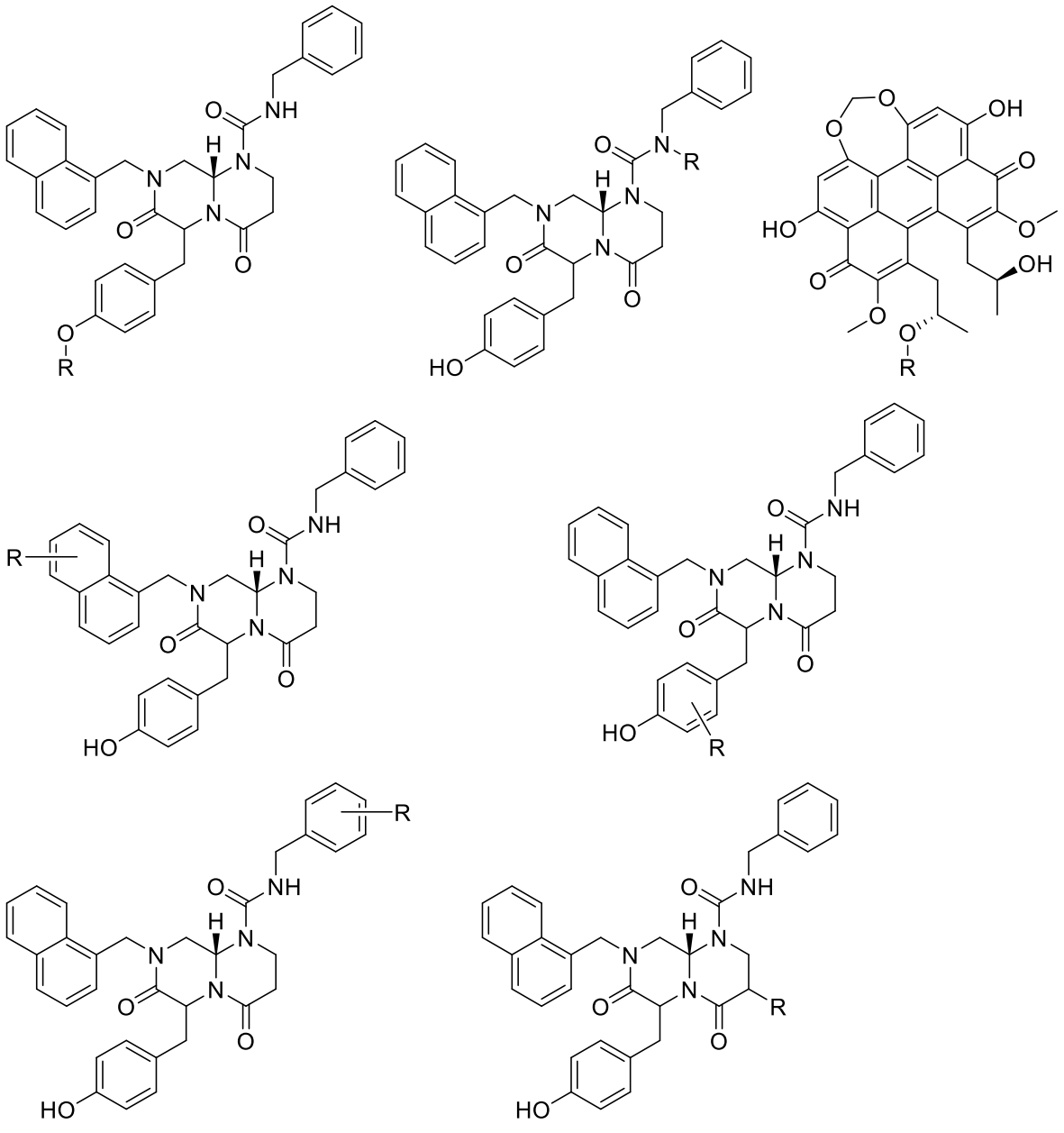


FIG. 3K

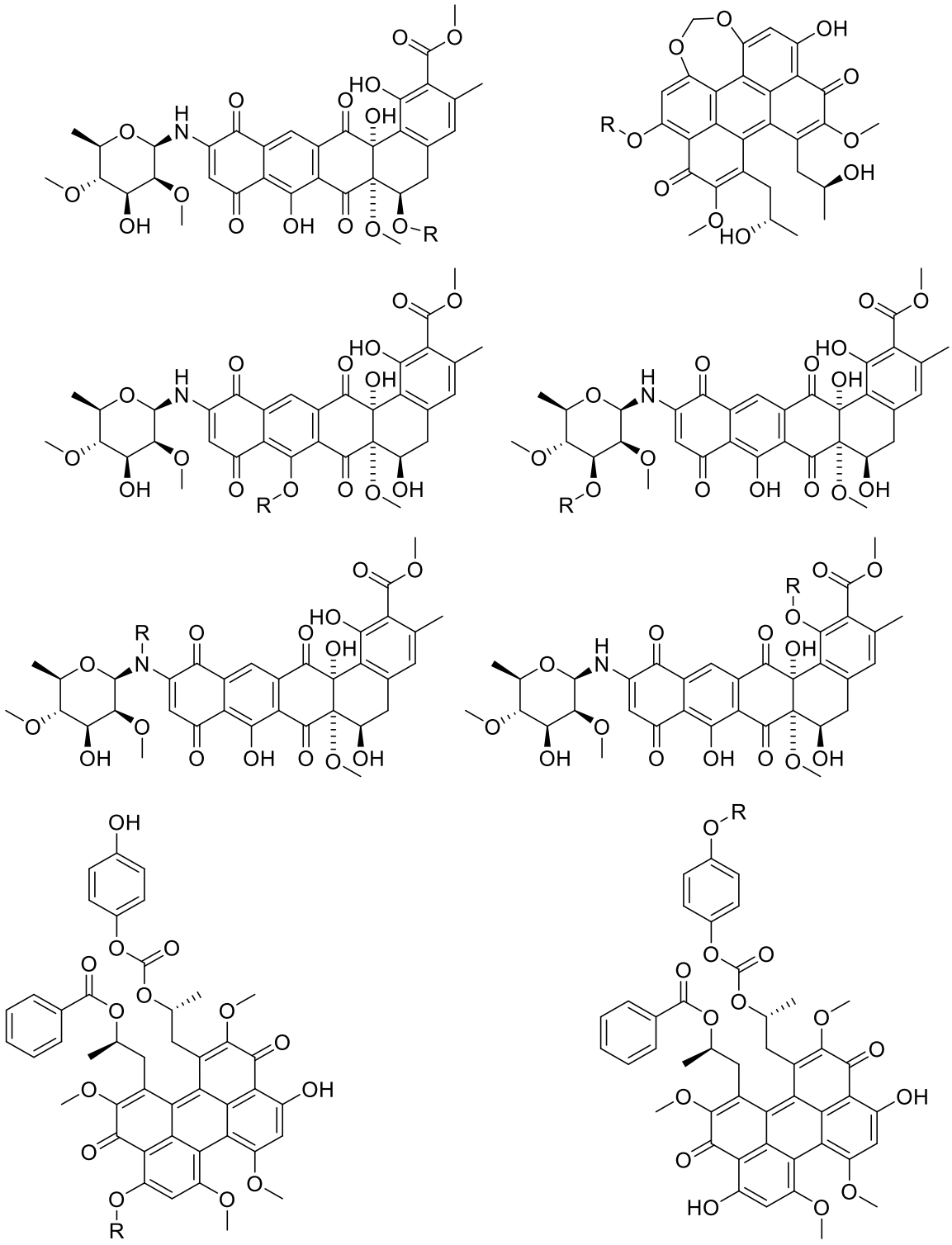


FIG. 3L

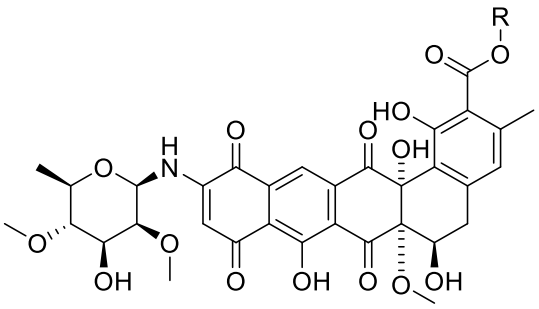


FIG. 3M

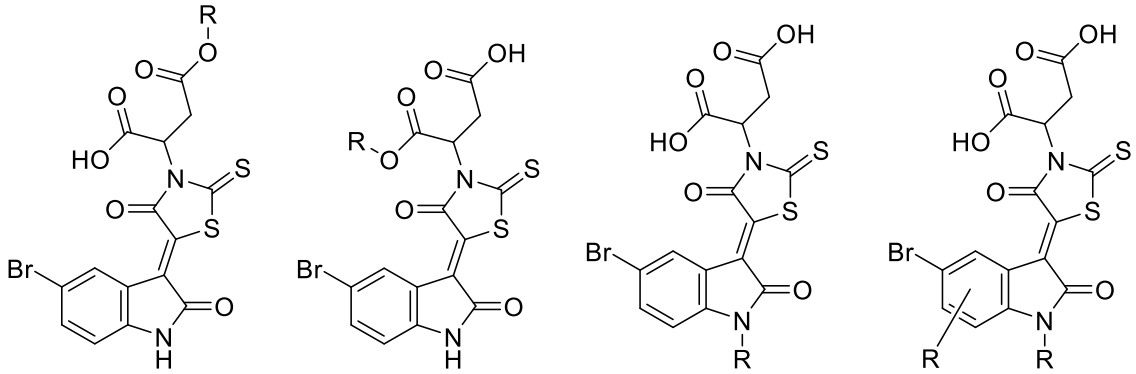


FIG. 3N

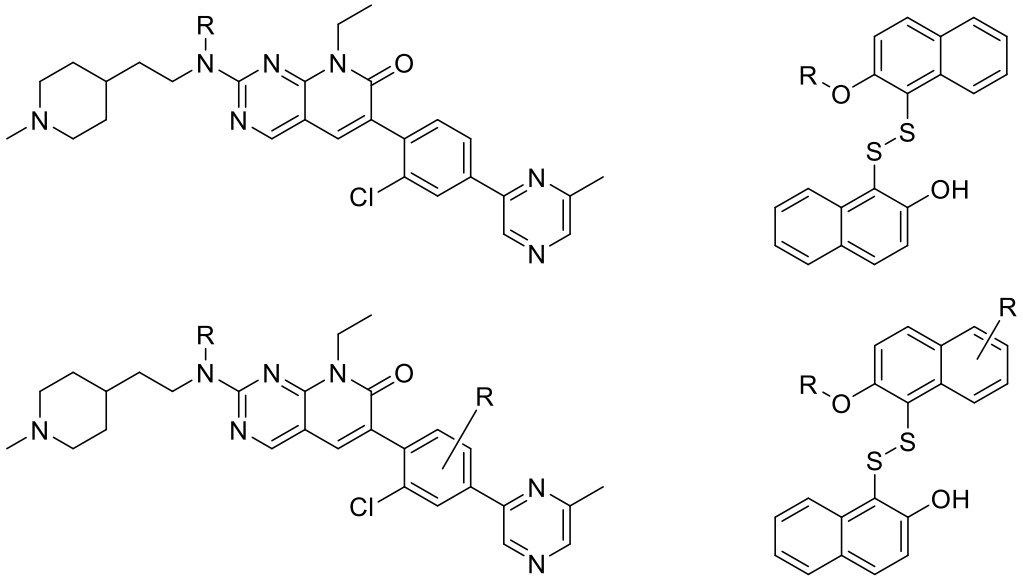


FIG. 3O

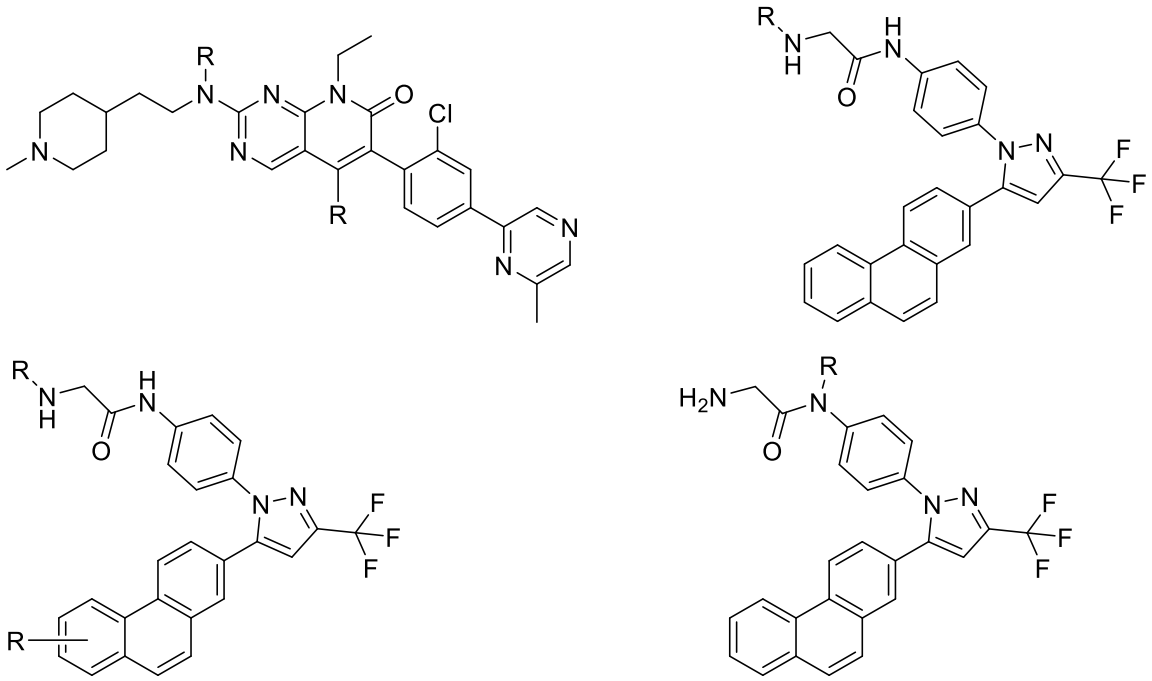


FIG. 3P

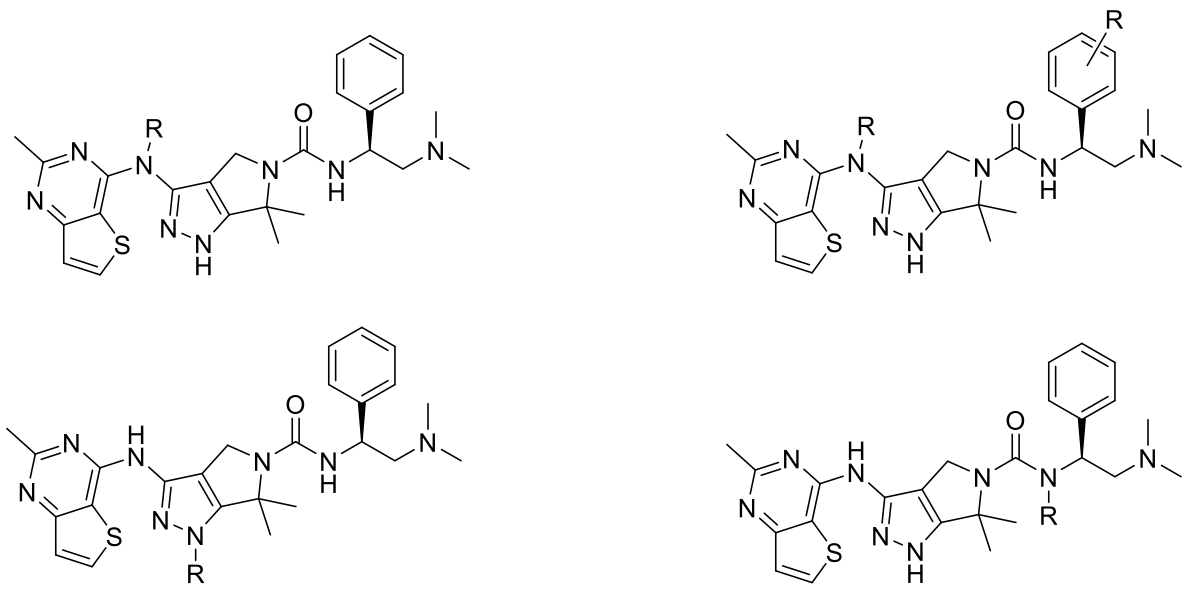


FIG. 3Q

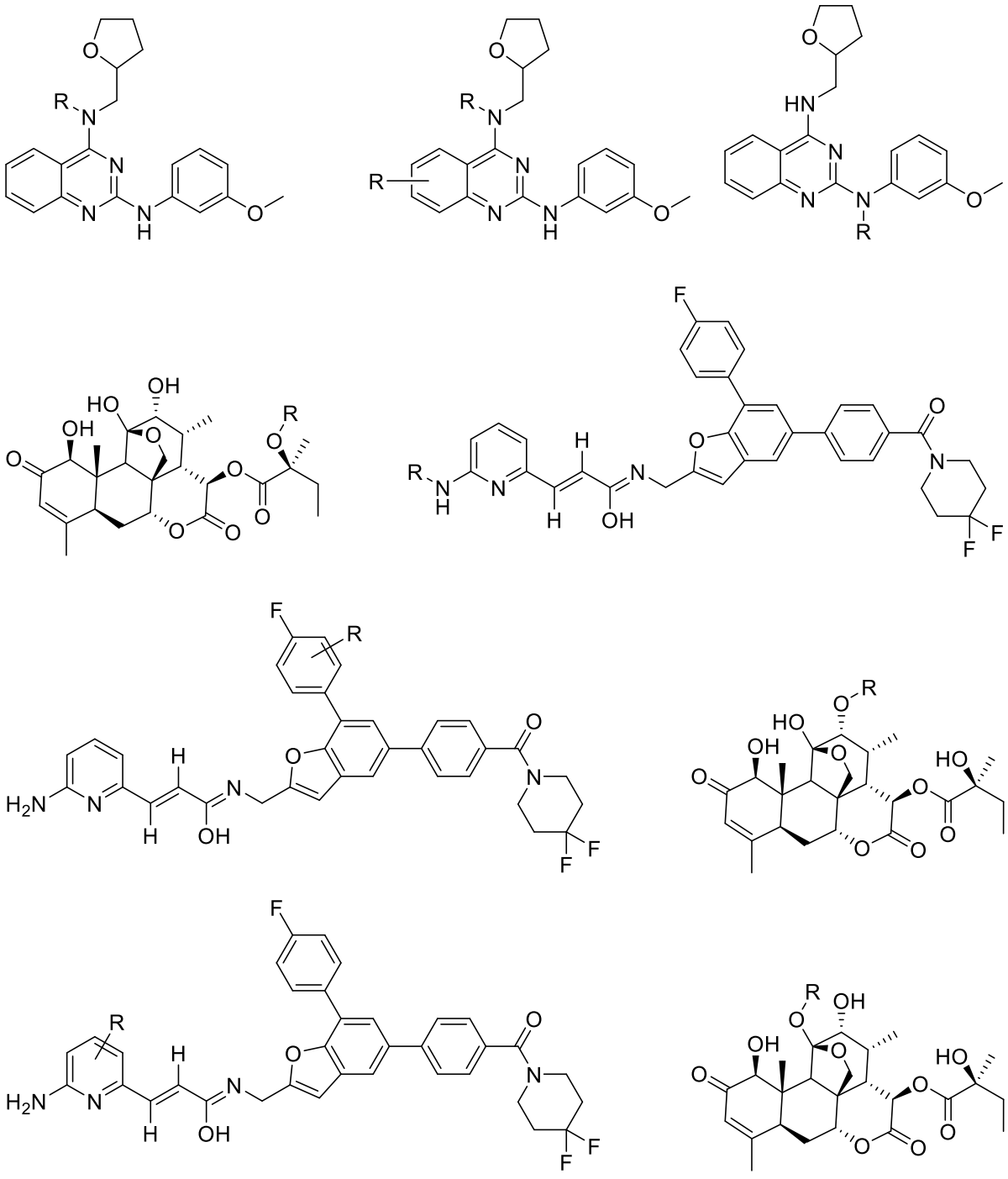


FIG. 3R

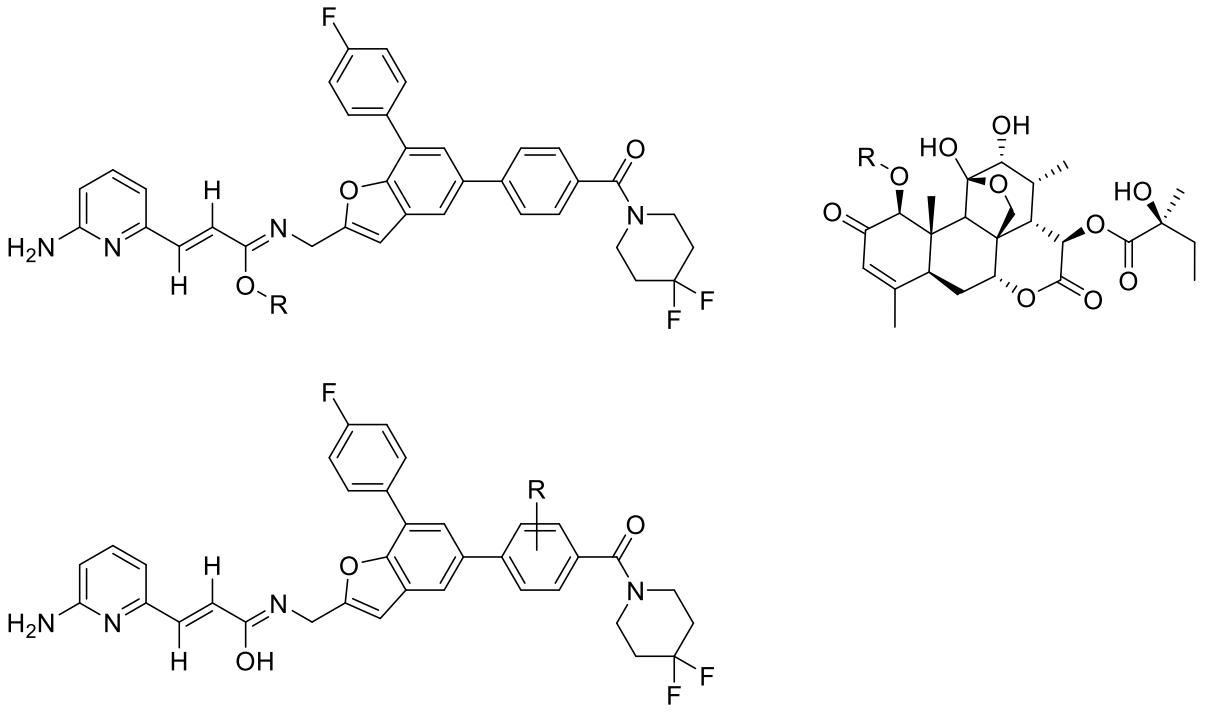


FIG. 3S

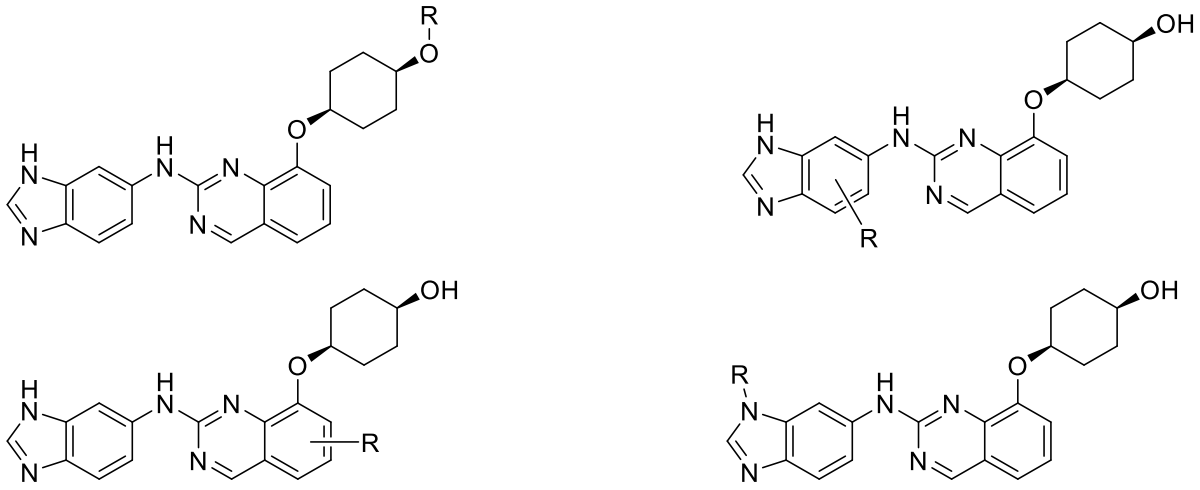


FIG. 3T

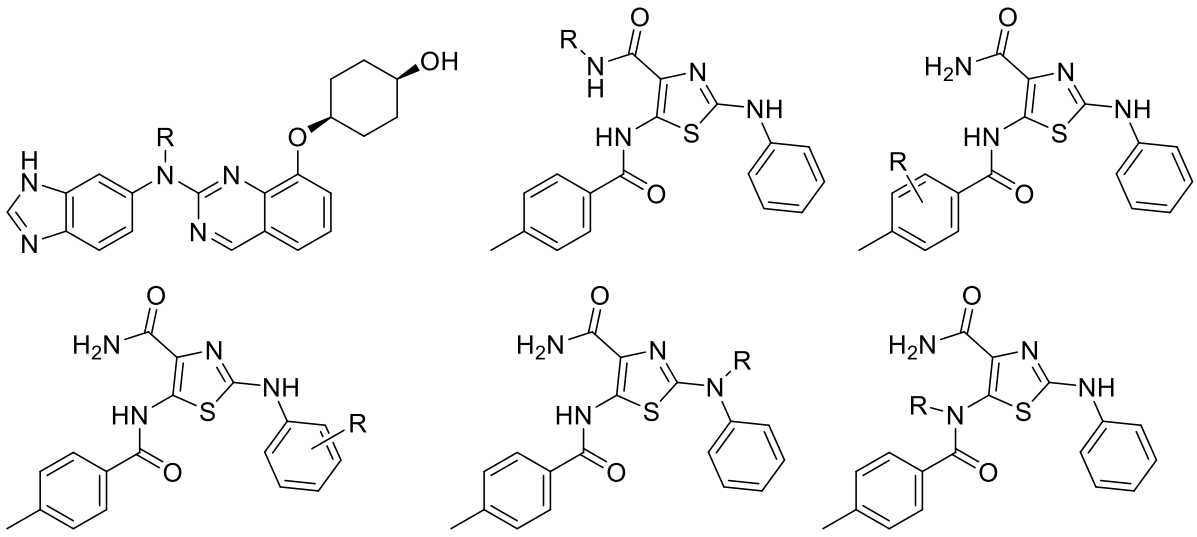


FIG. 3U

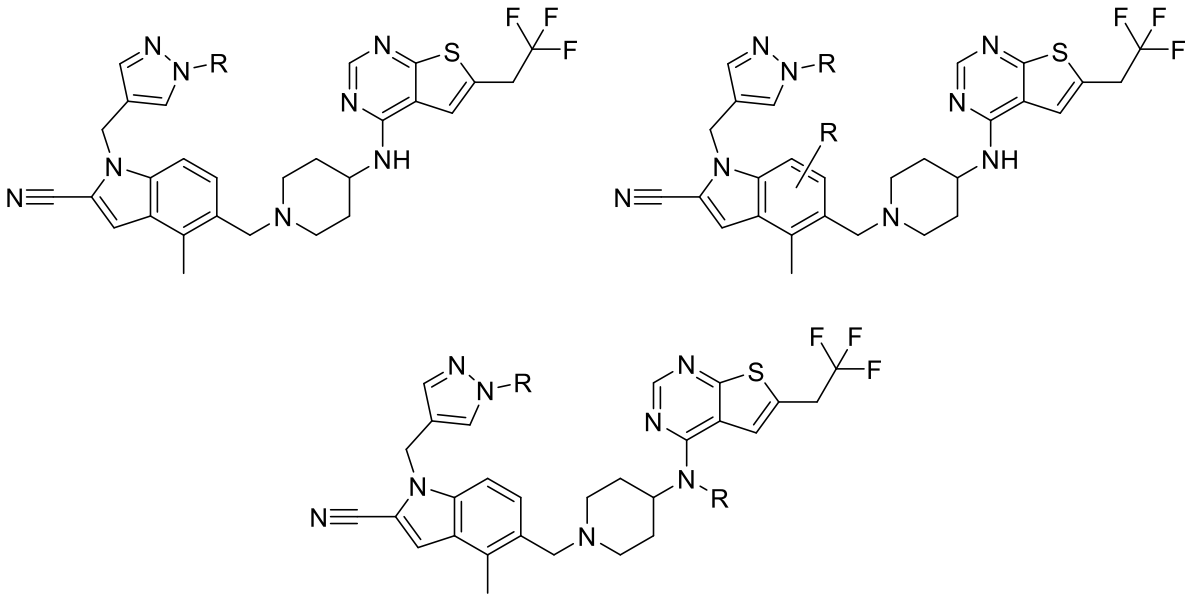
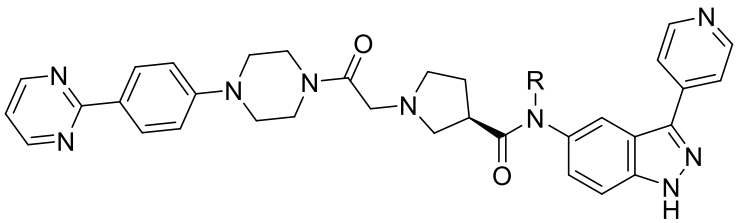
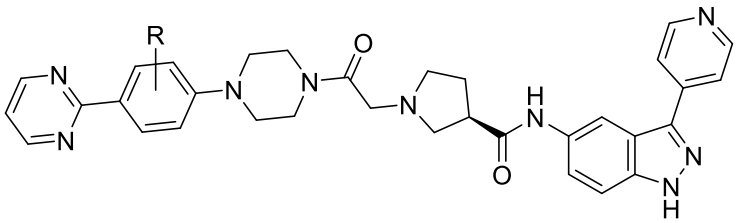
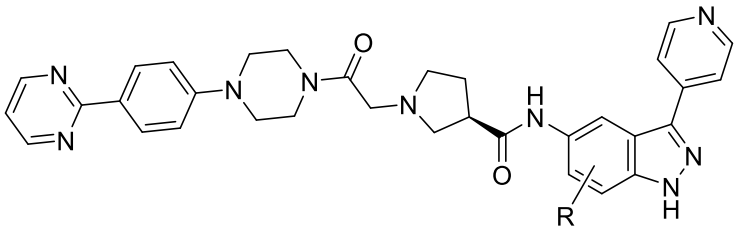
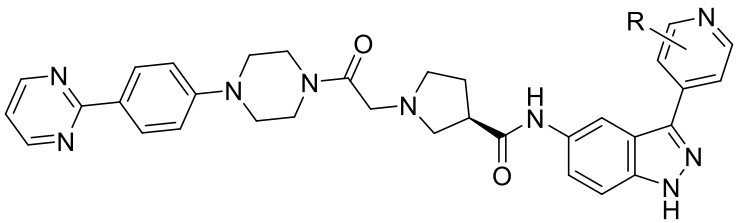


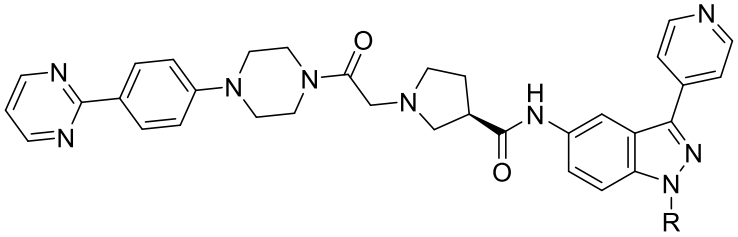
FIG. 3V

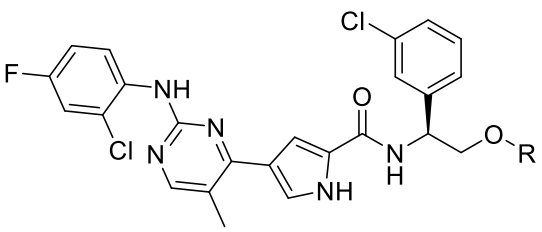












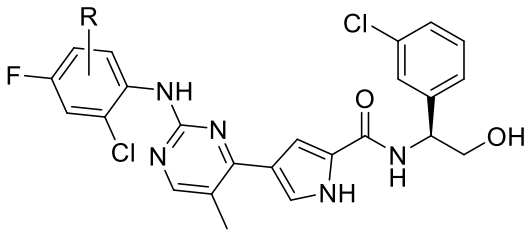


FIG. 3W

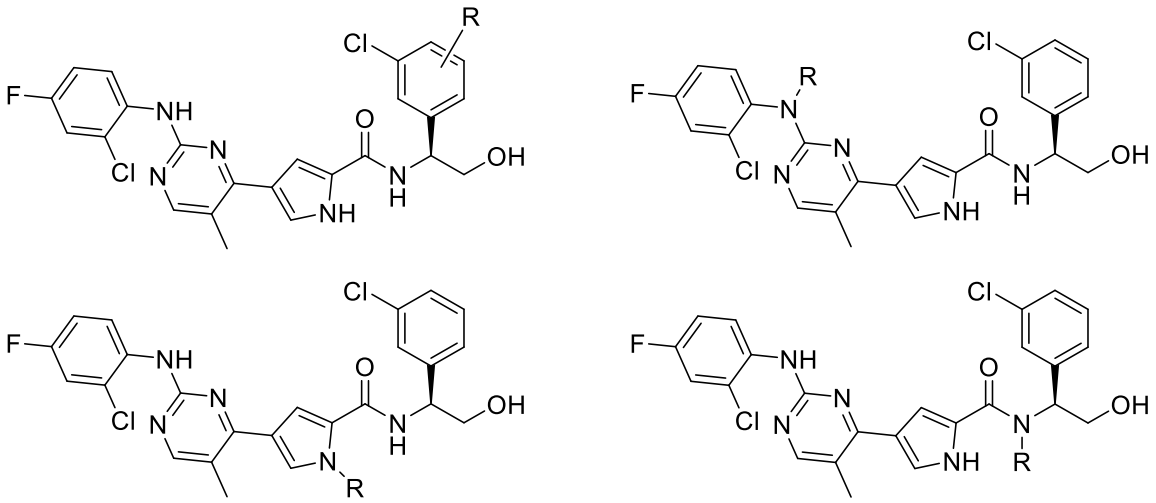


FIG. 3X

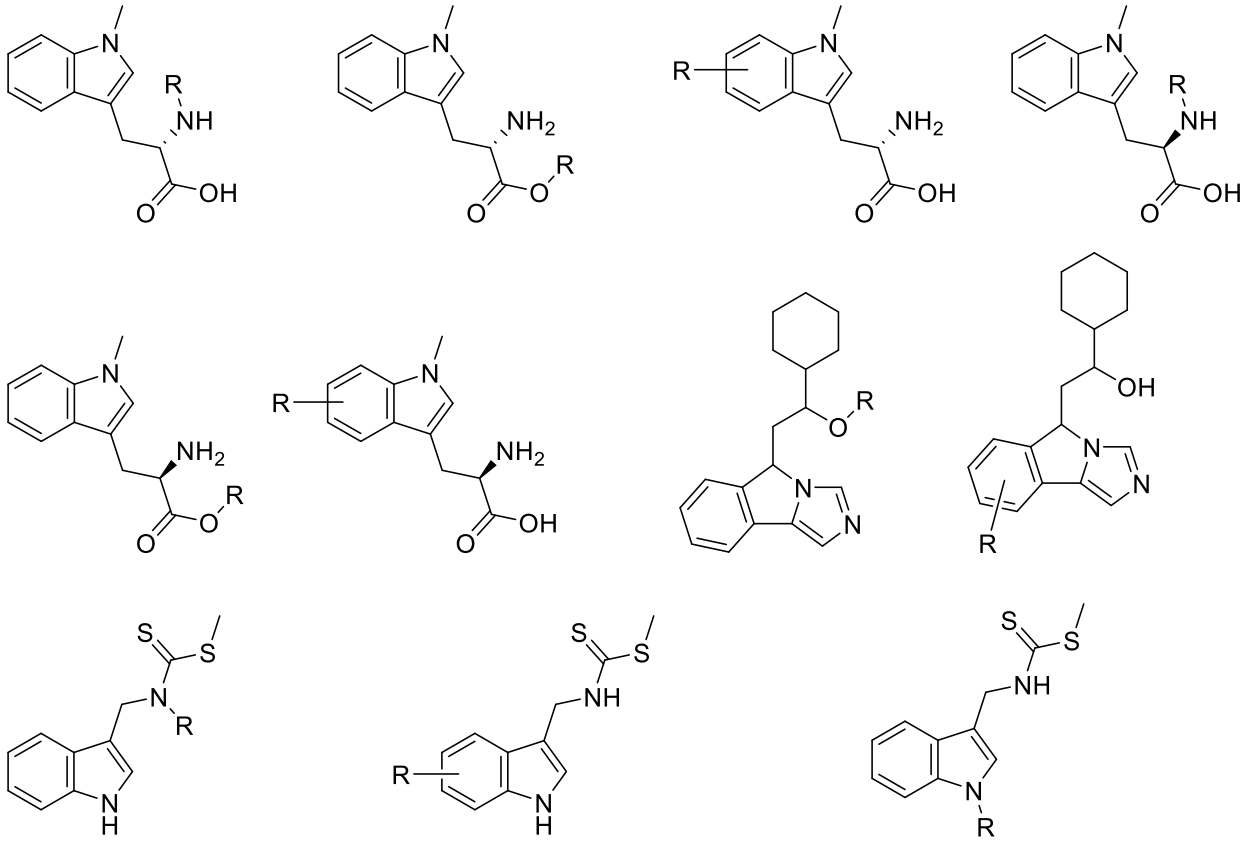


FIG. 3Y

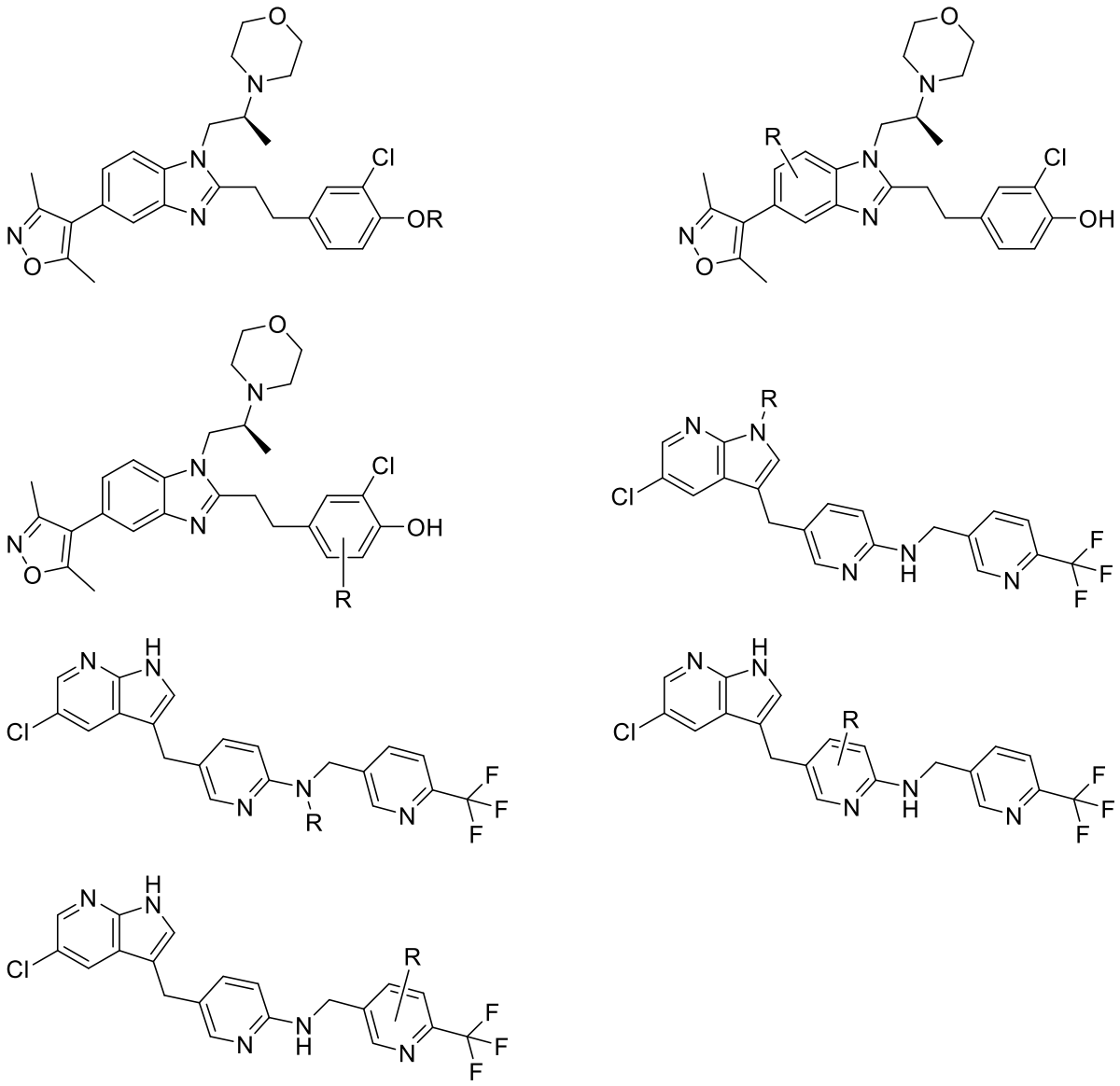


FIG. 3Z

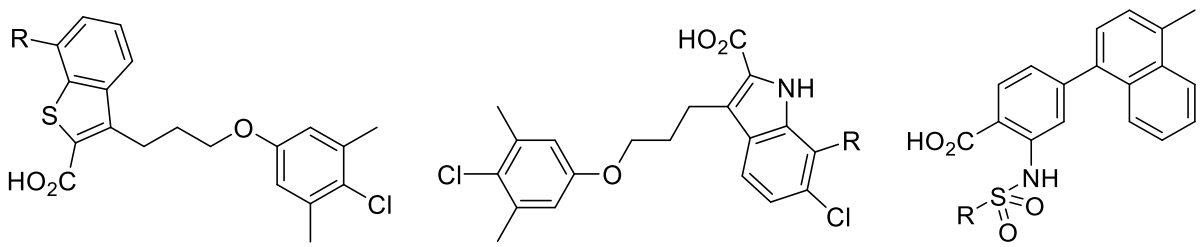


FIG. 3AA

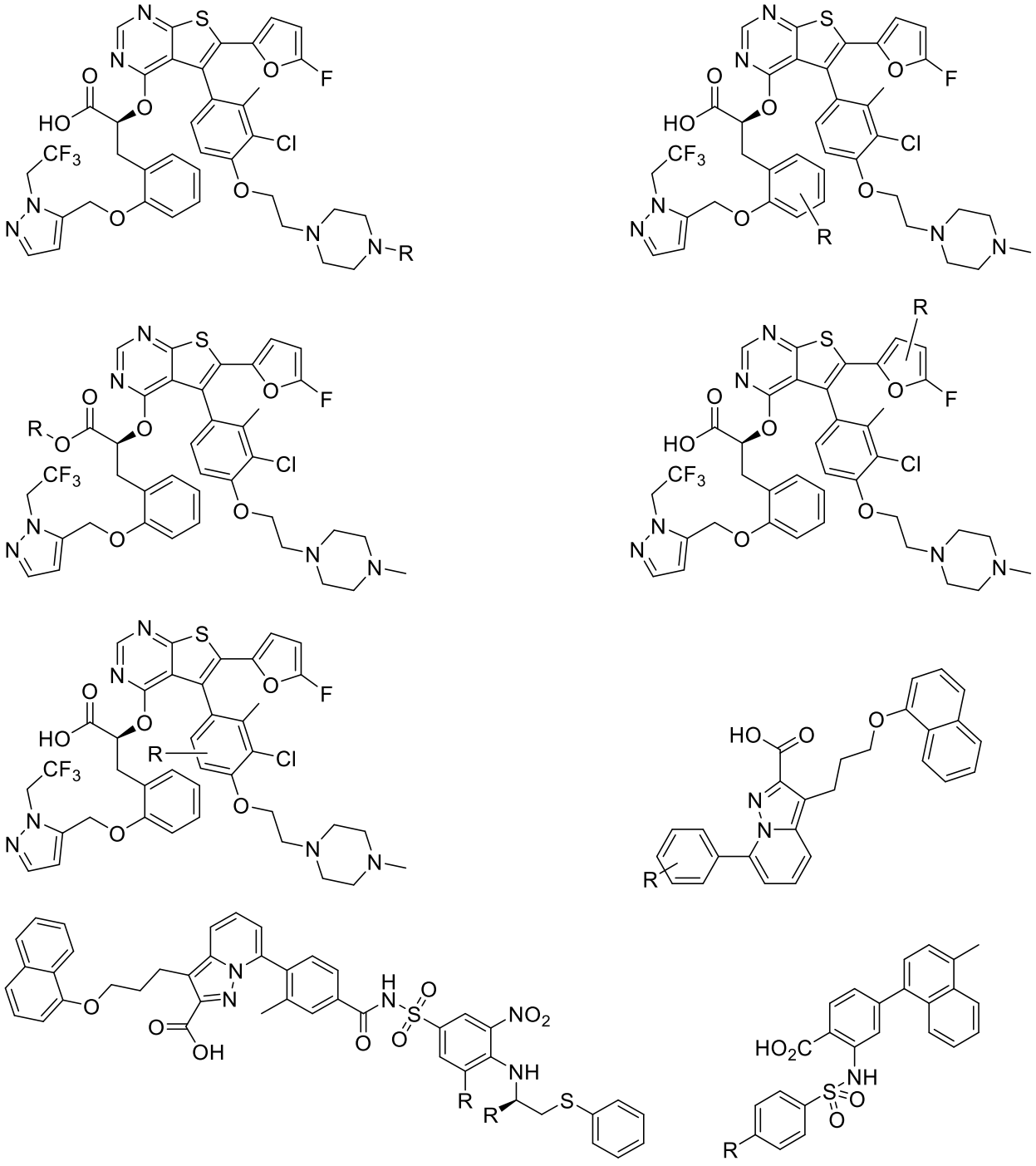
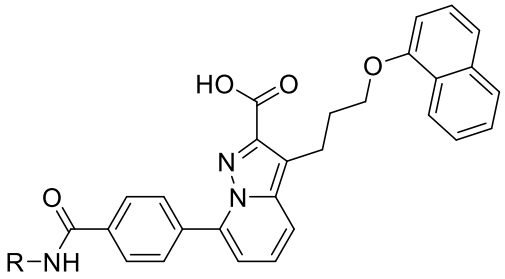


FIG. 3BB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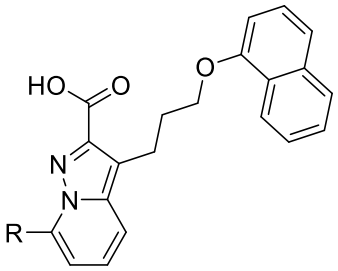
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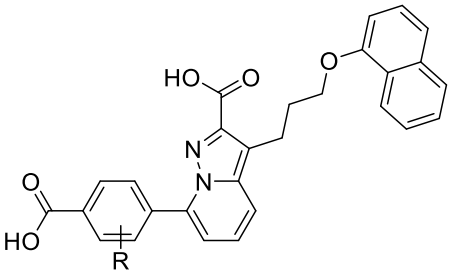
O
N
N
R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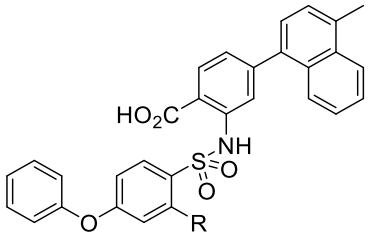
HO
R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NH
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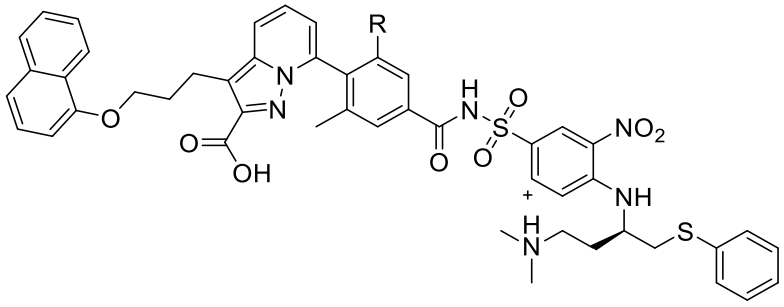
O
O
R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OH
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S
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NO2
NH
+
H
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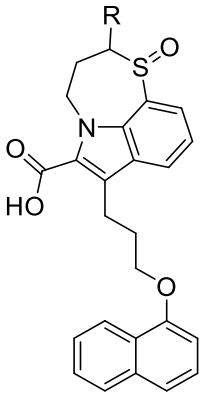
S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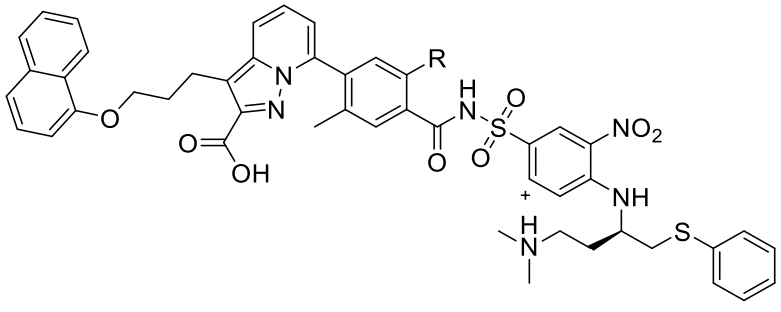
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OH
H
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S
O
NO2
NH
+
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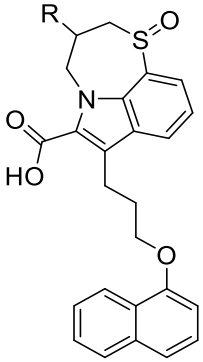
N
S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N
O
HO
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FIG. 3CC

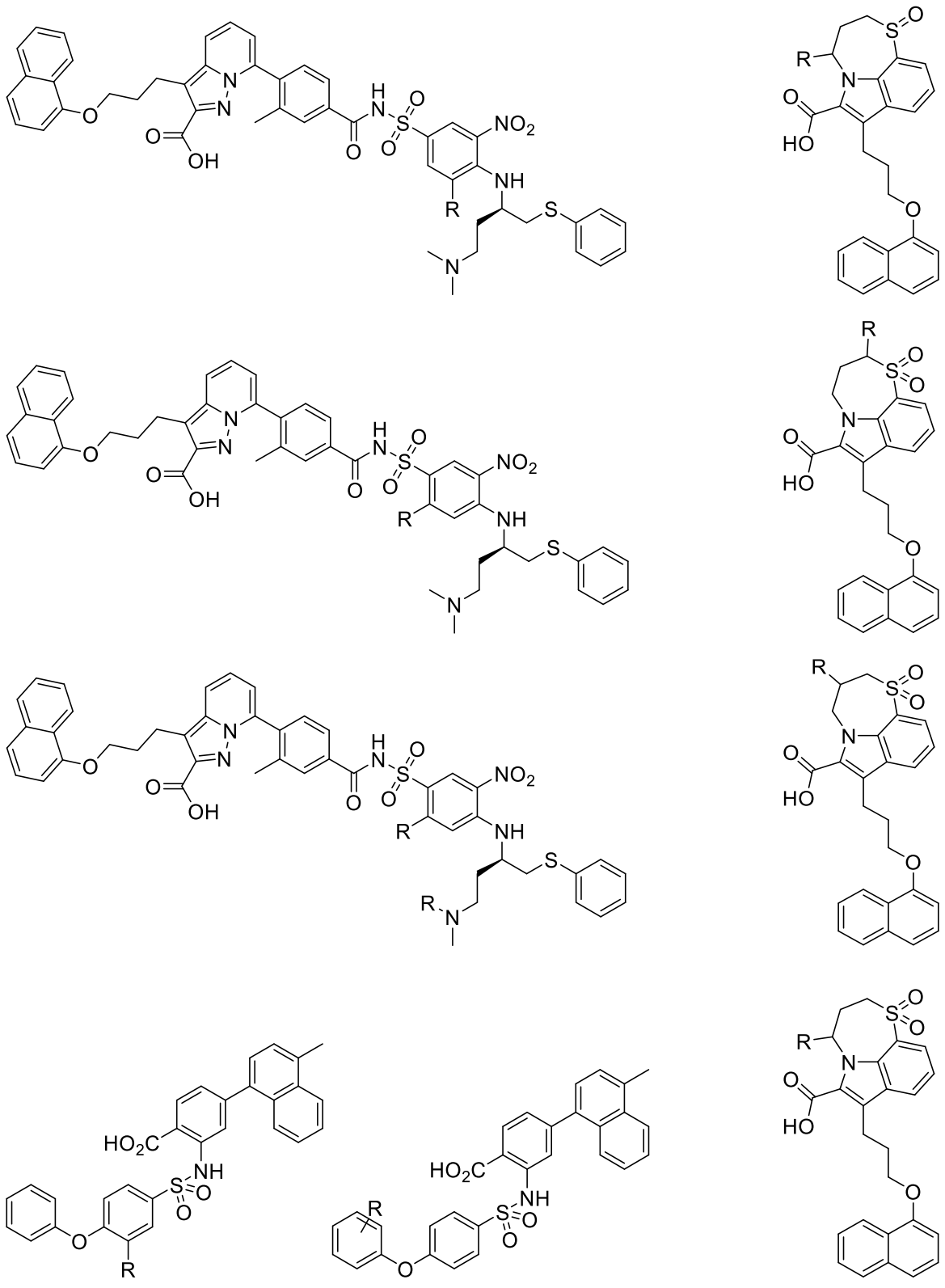


FIG. 3DD

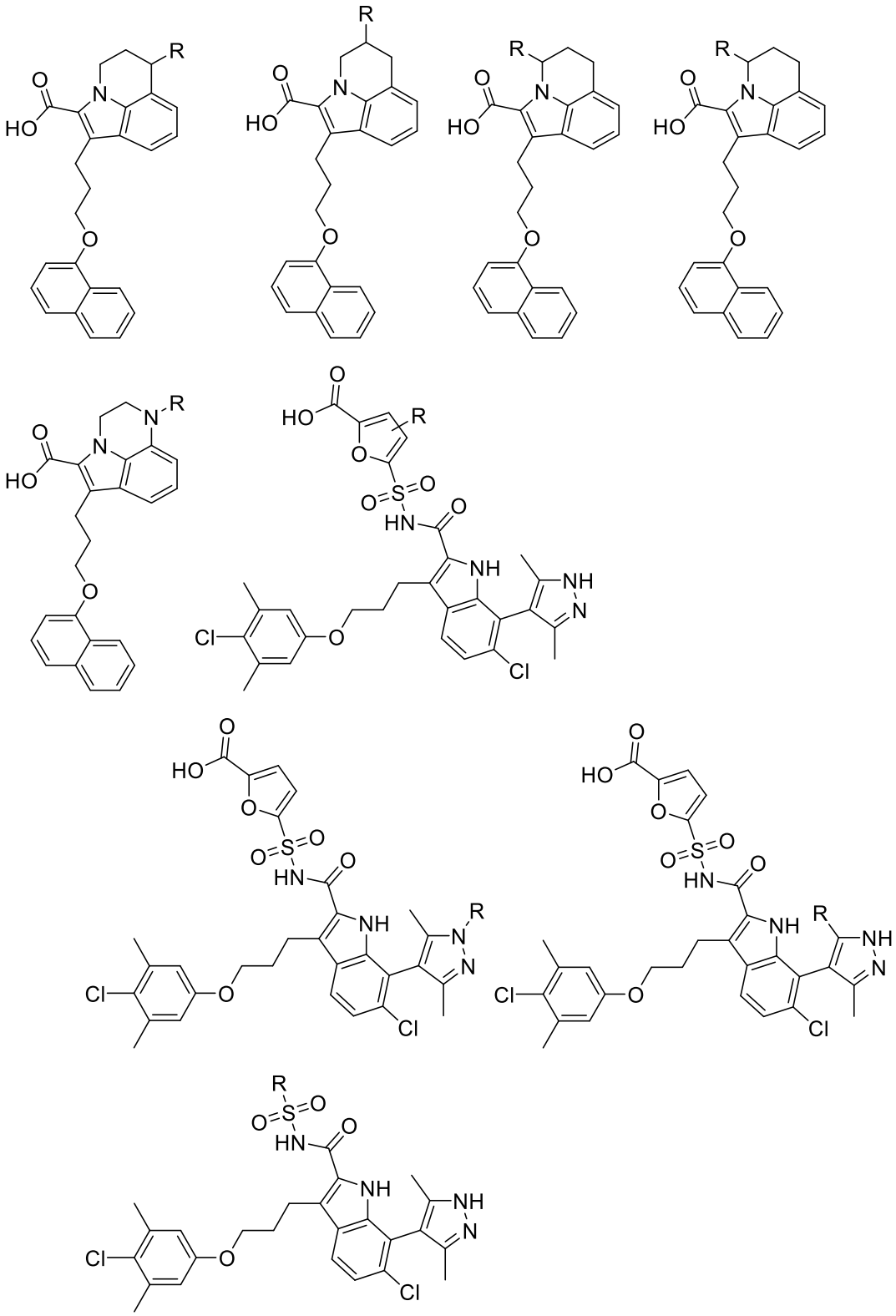


FIG. 3EE

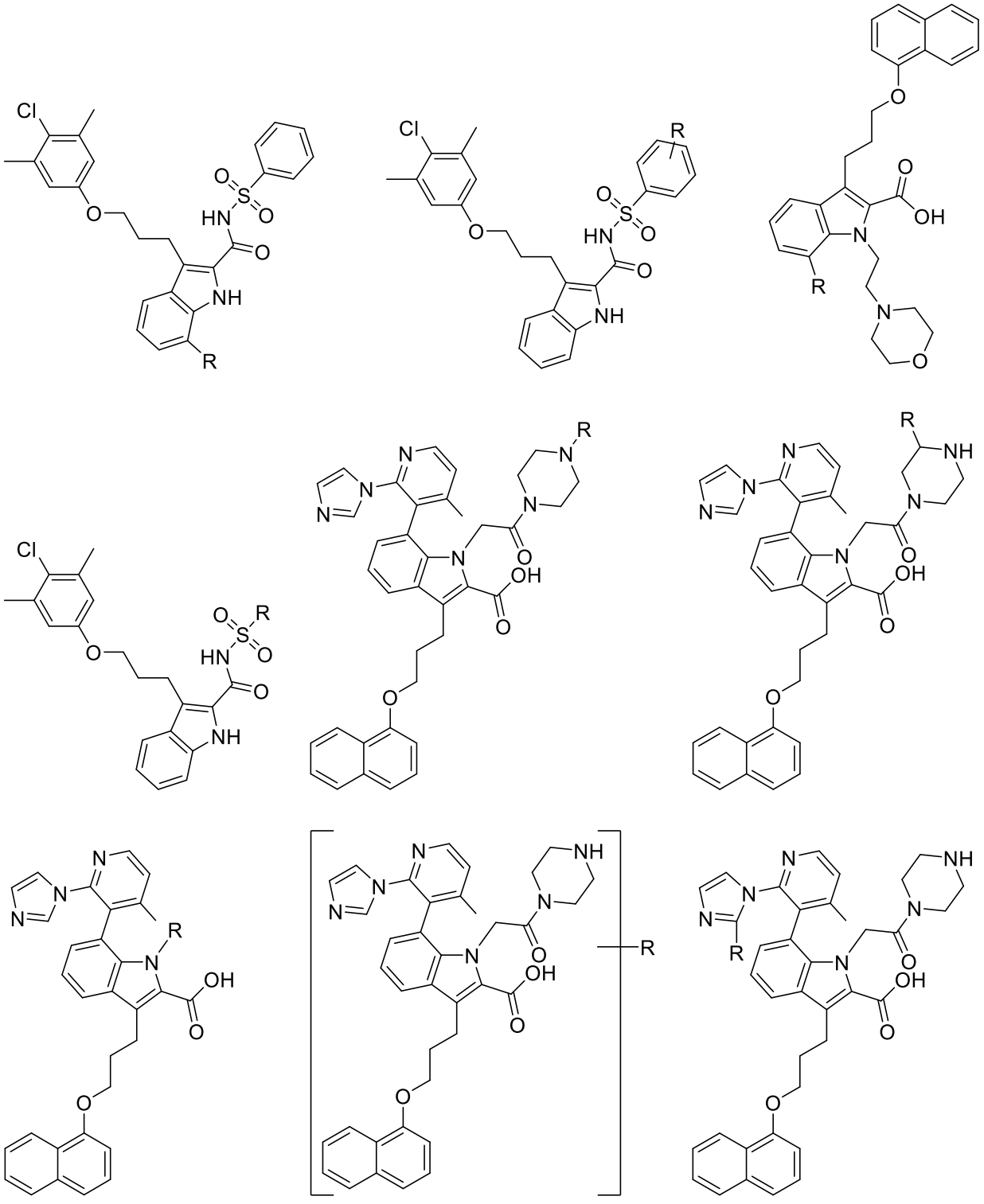


FIG. 3FF

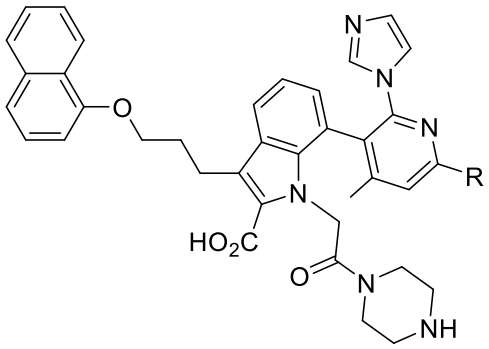
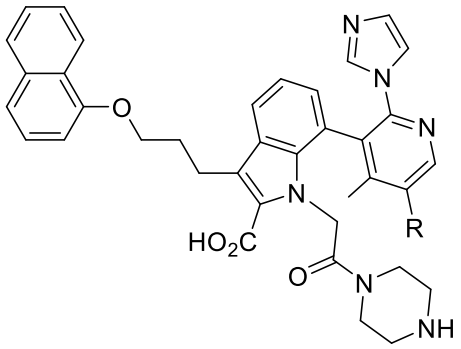
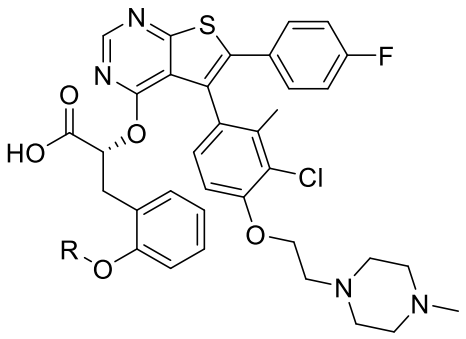
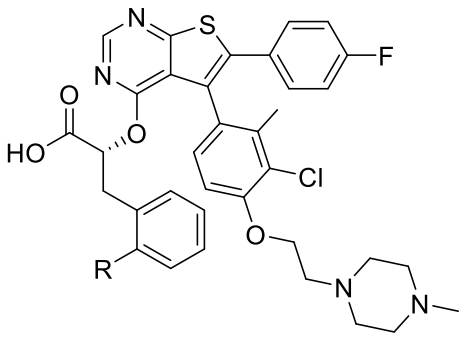
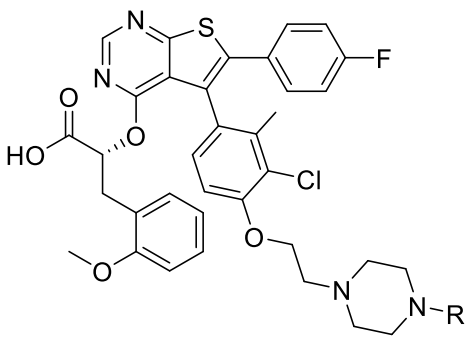
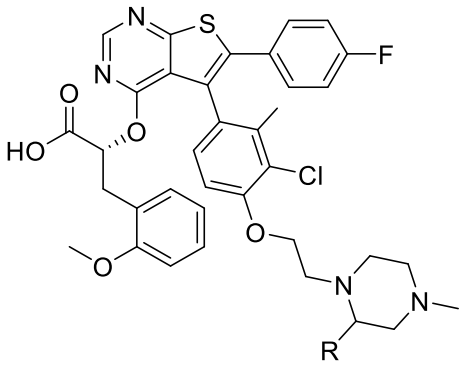
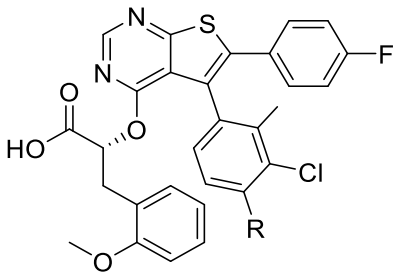
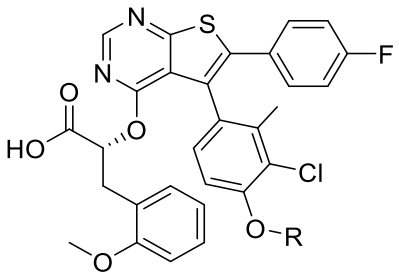
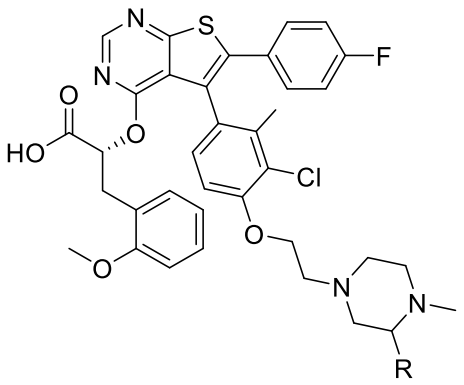
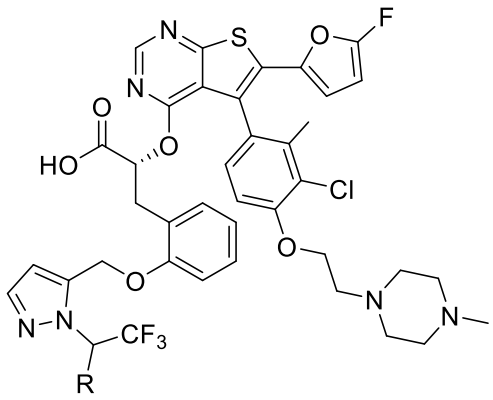
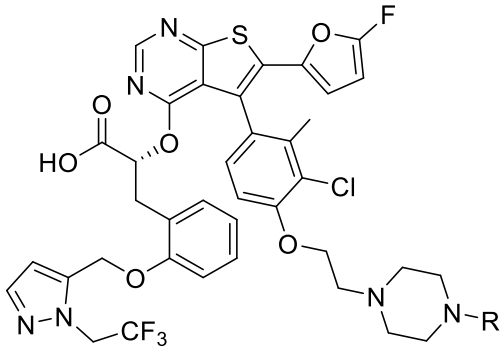
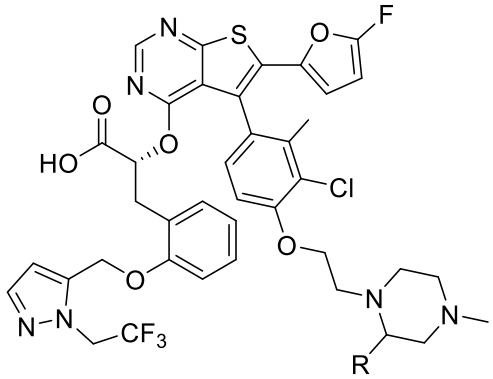









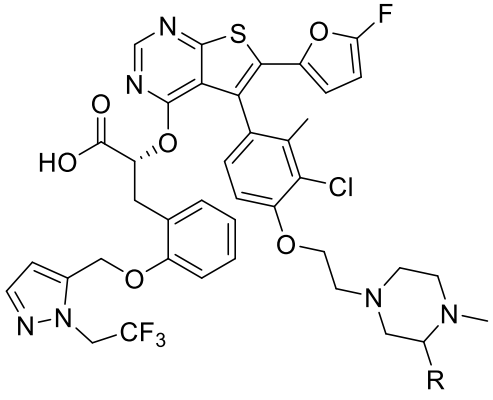
FIG. 3GG











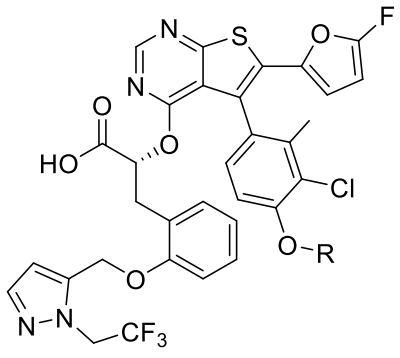


FIG. 3HH

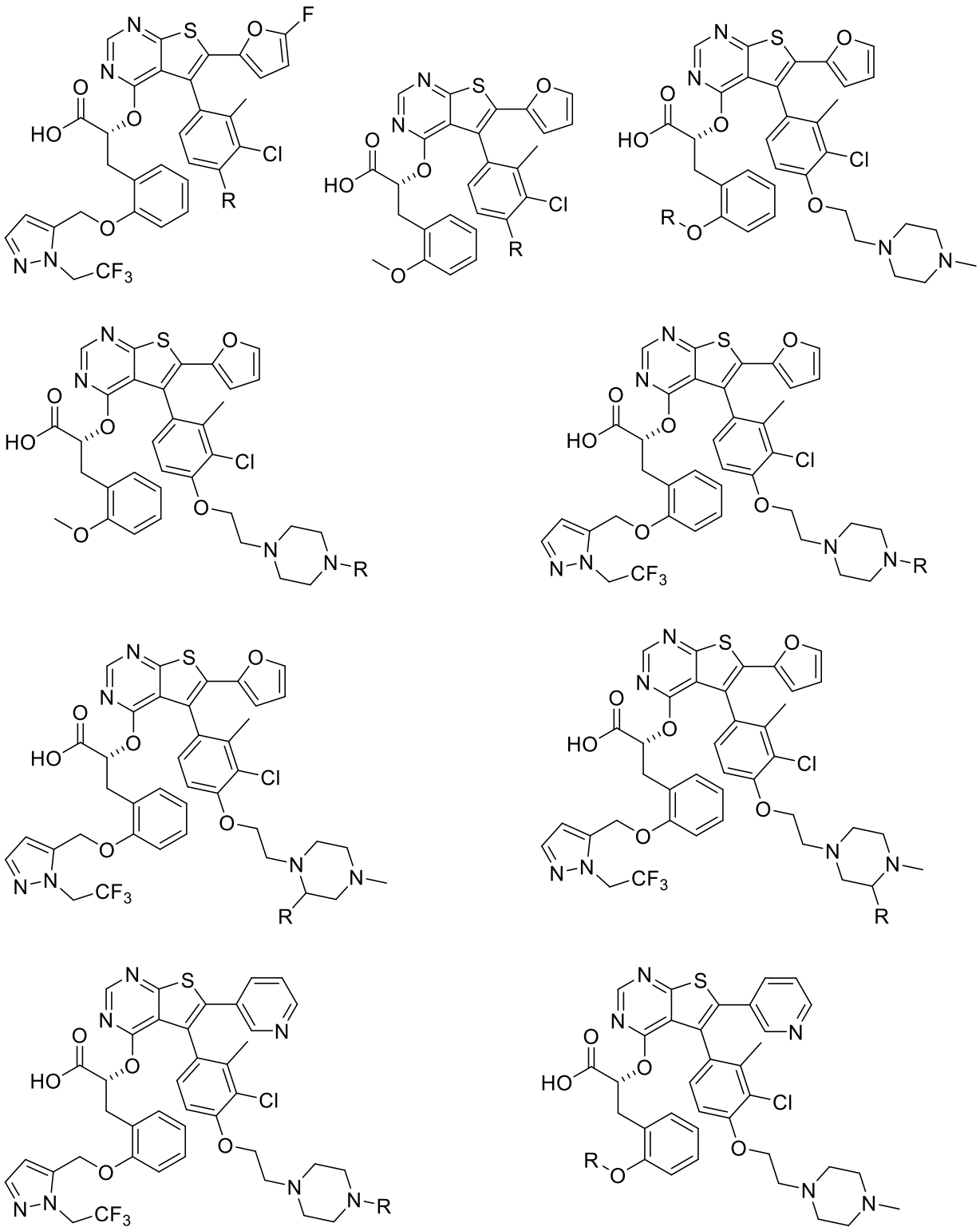


FIG. 3II

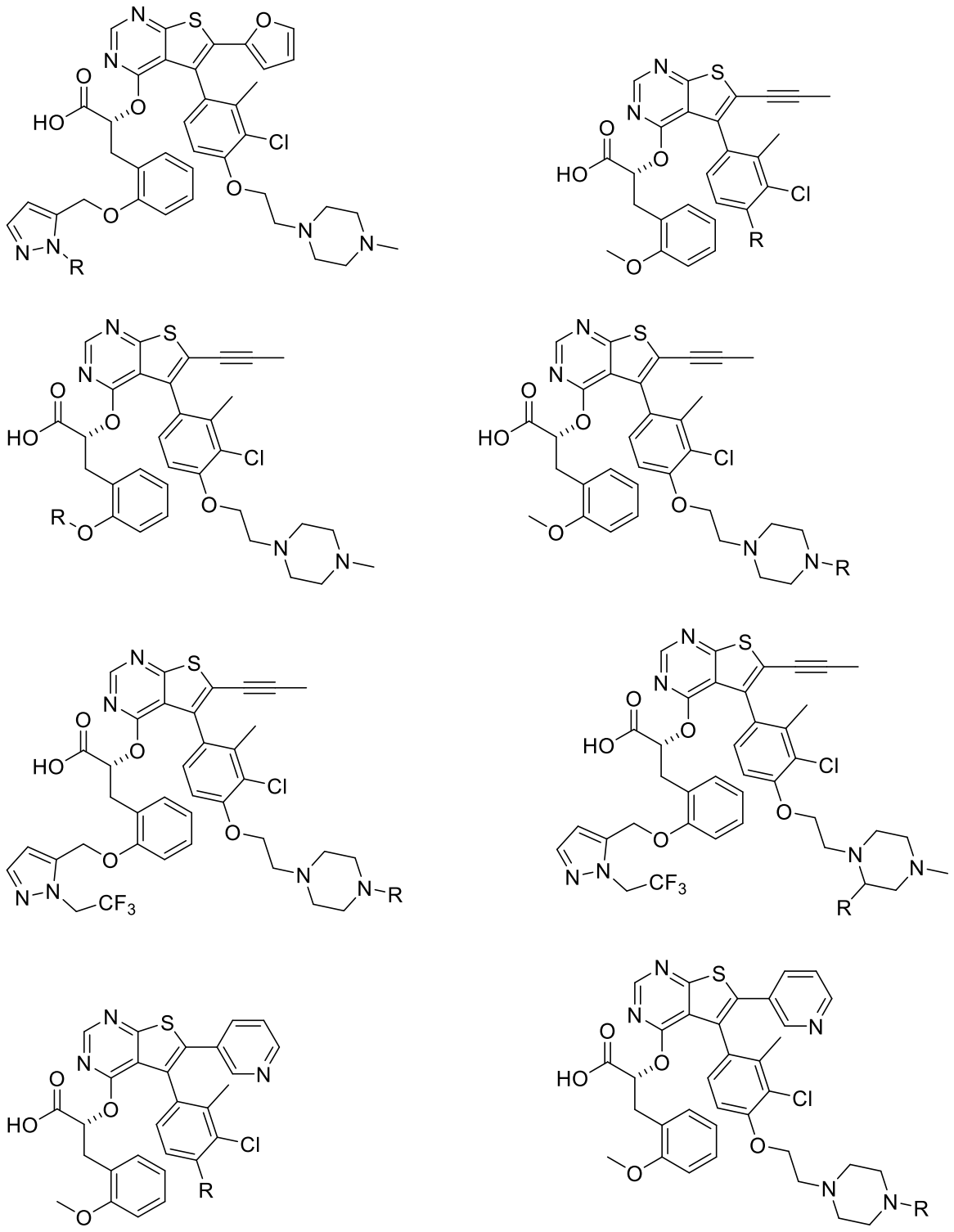
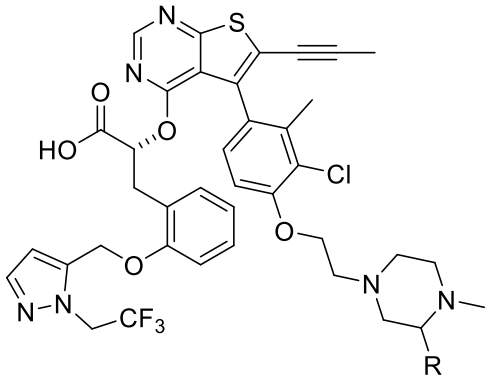
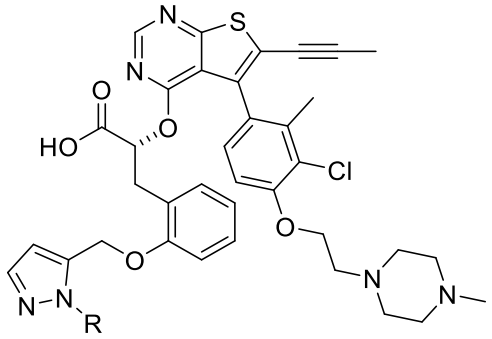
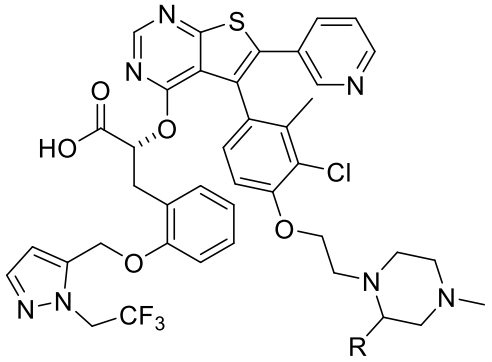
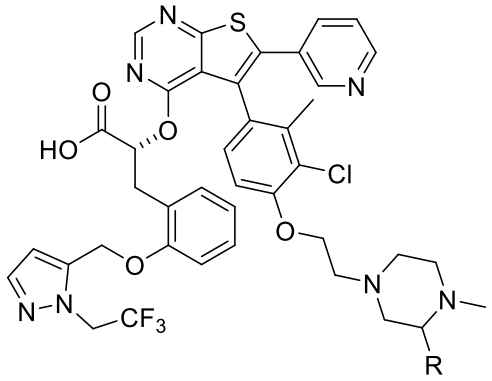


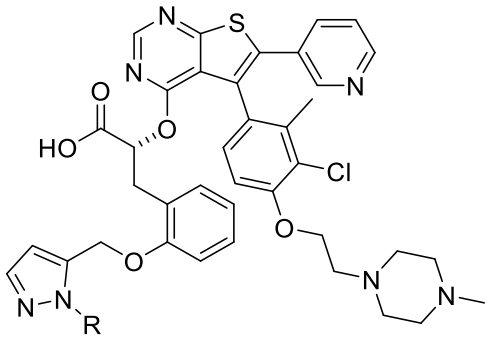
FIG. 3JJ

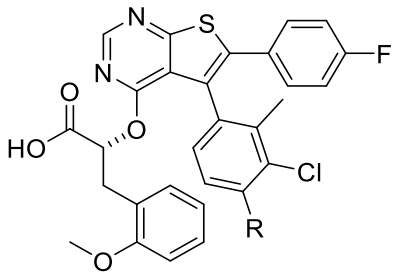


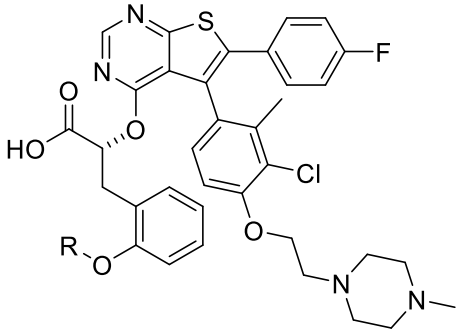












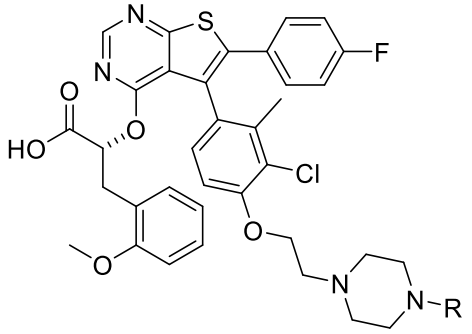


FIG. 3KK

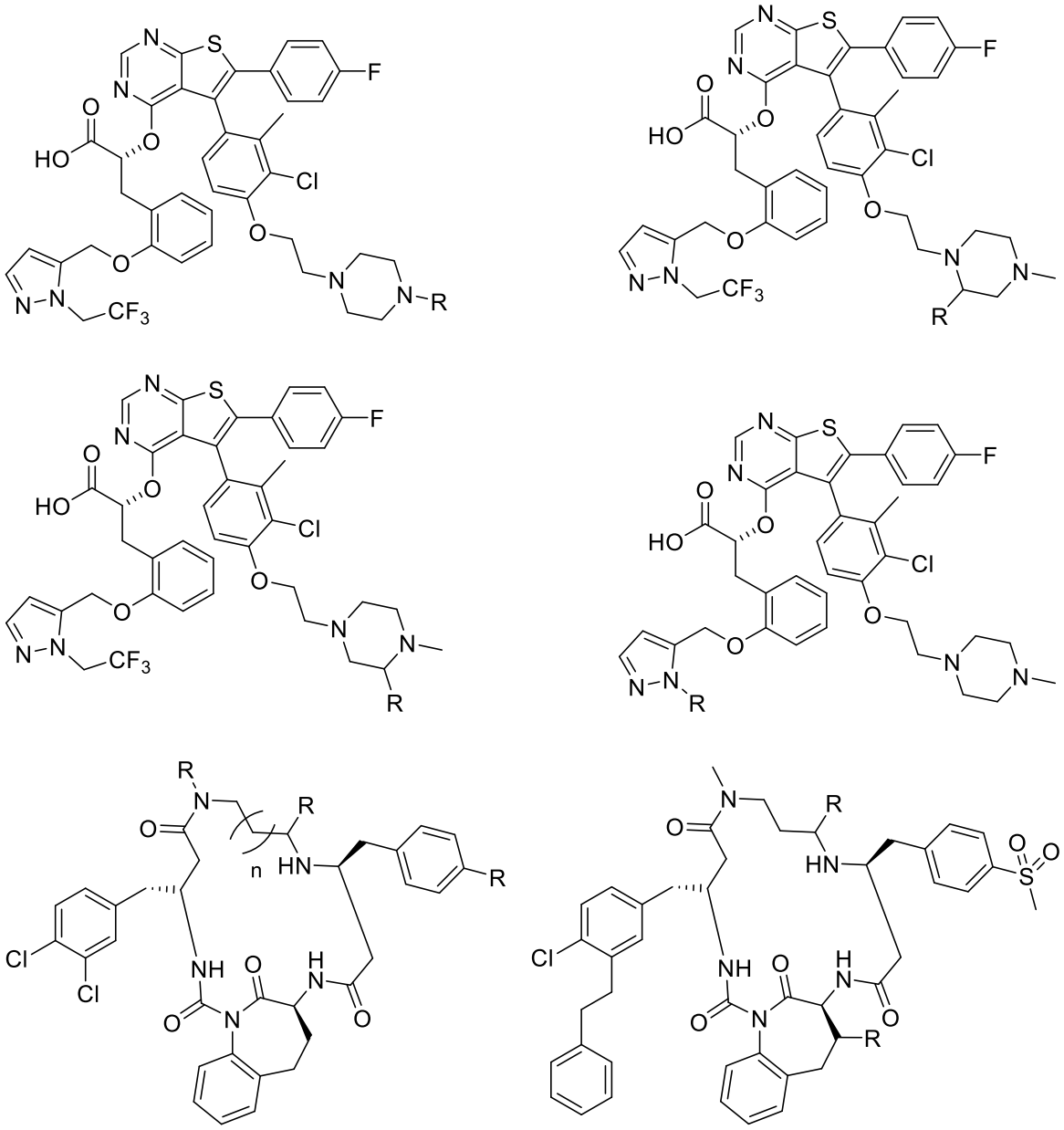


FIG. 3LL

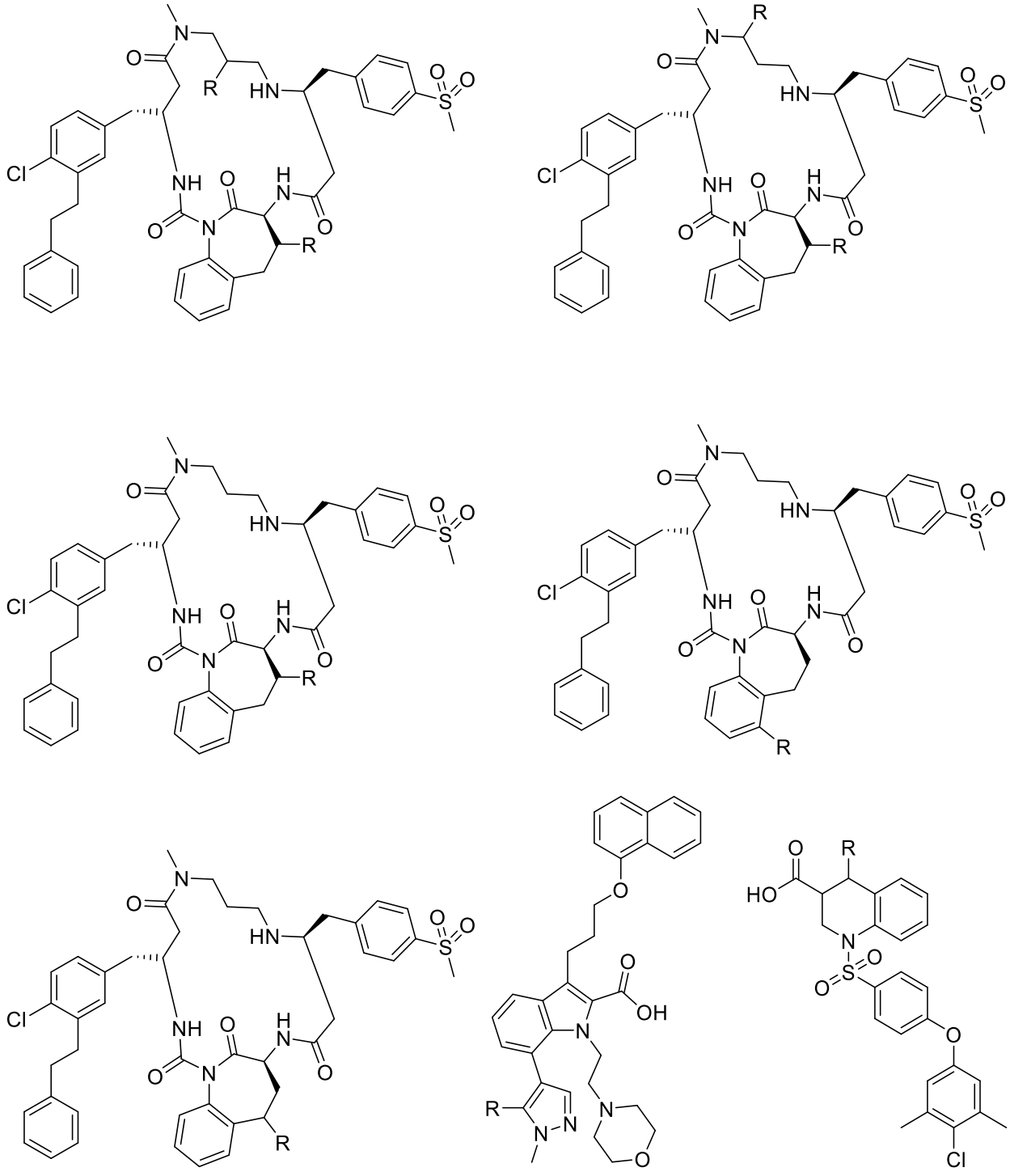
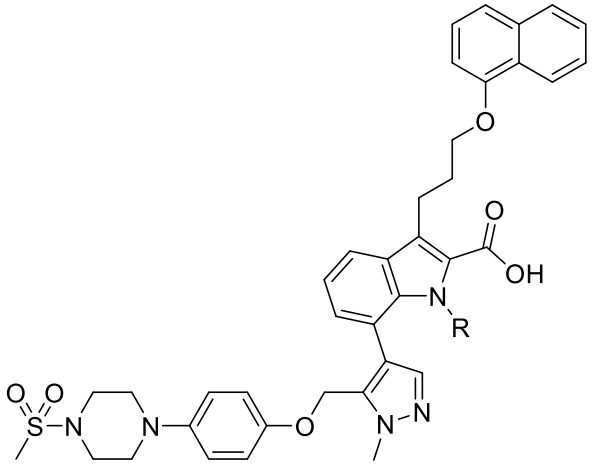
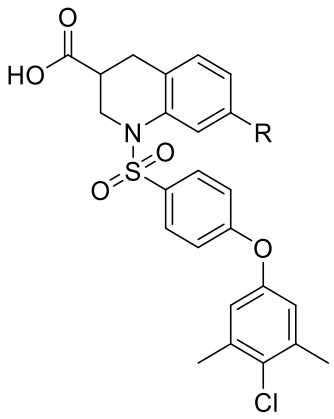
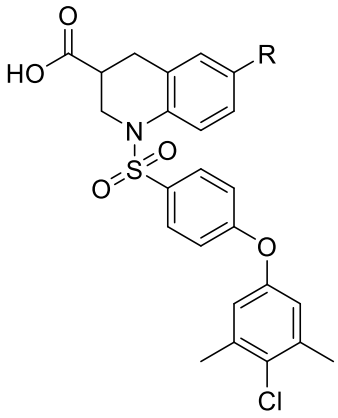
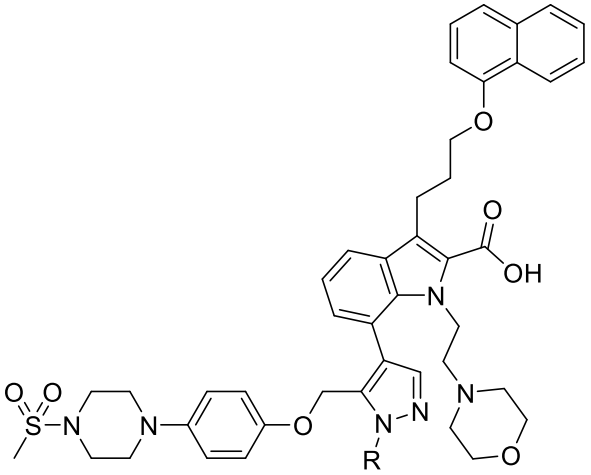


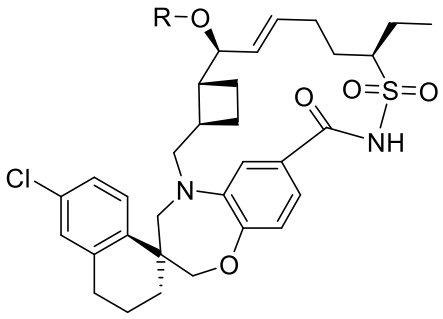
FIG. 3MM











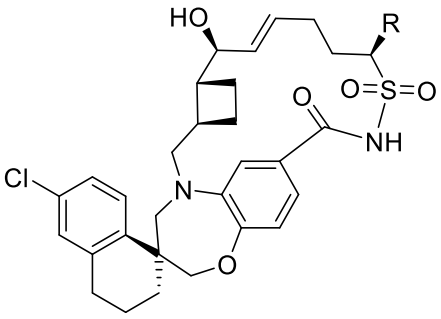
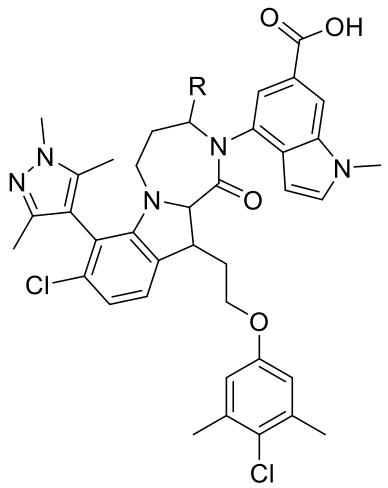


FIG. 3NN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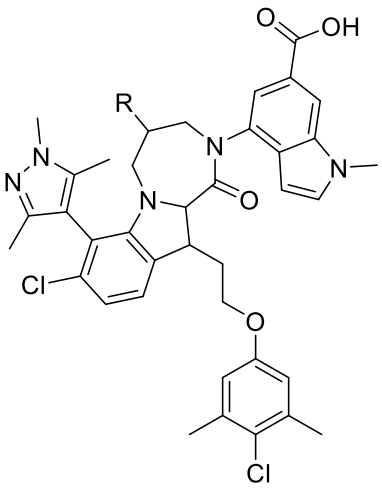
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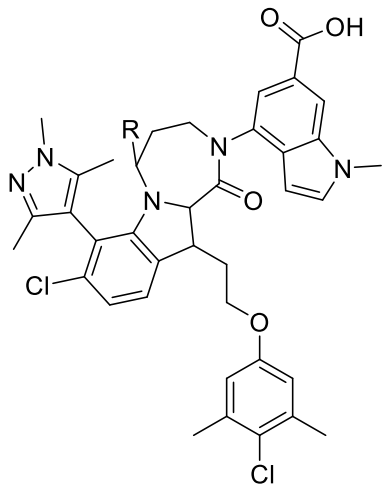
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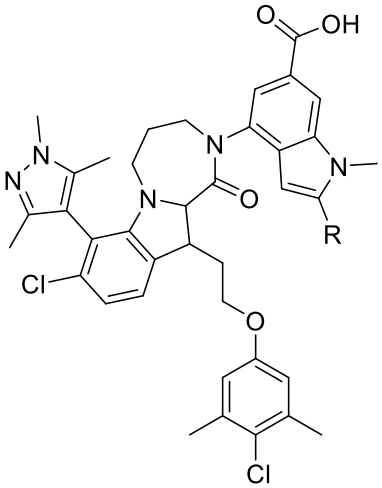
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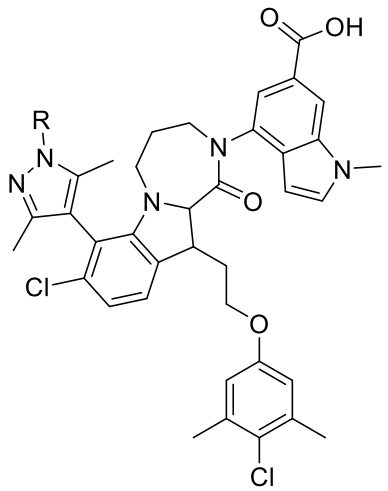
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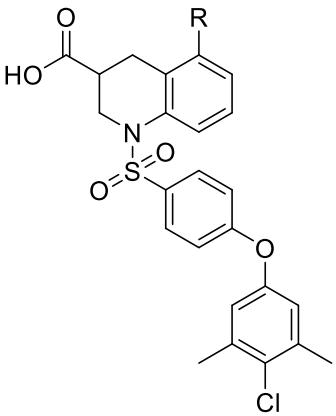
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FIG. 3OO

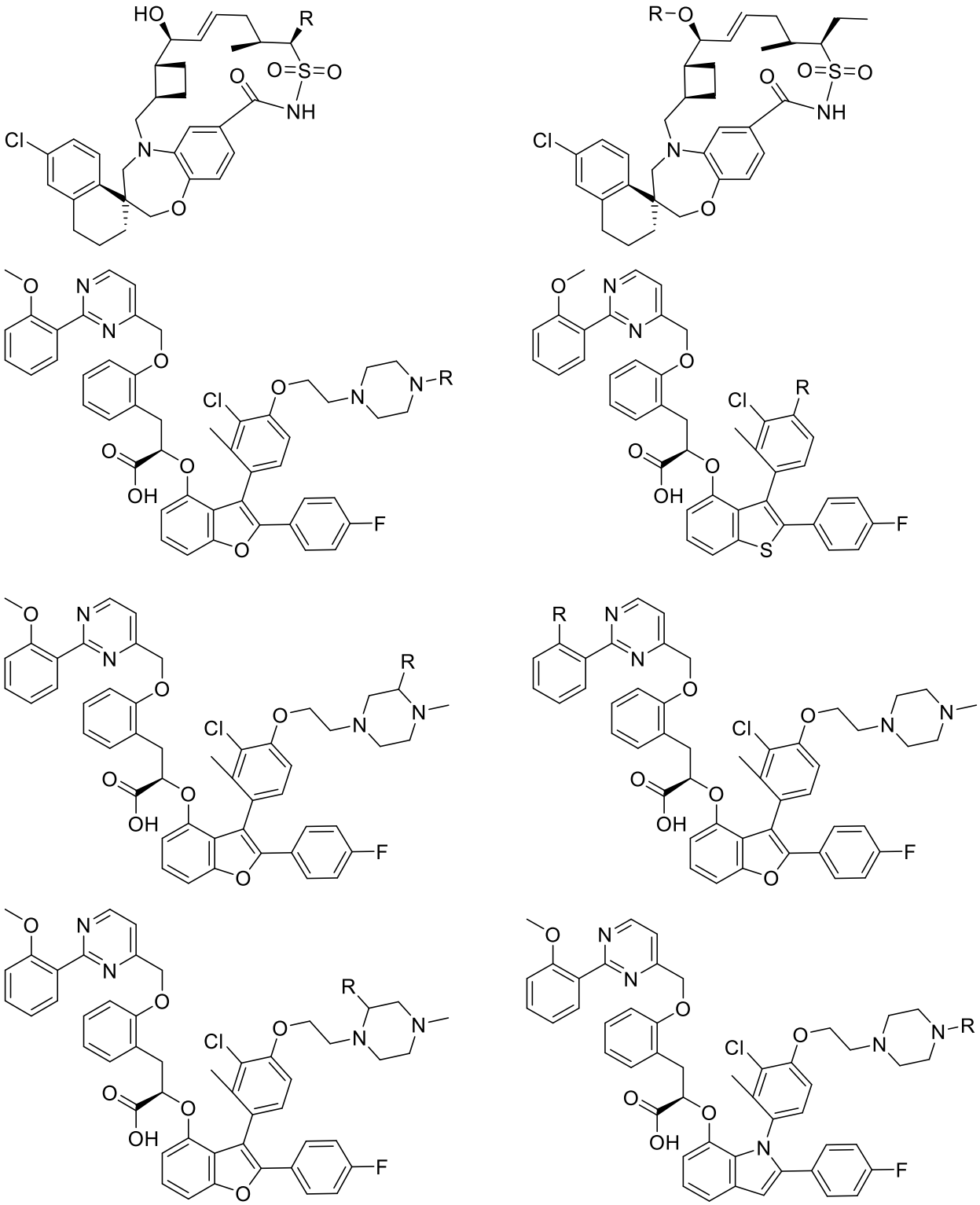


FIG. 3PP

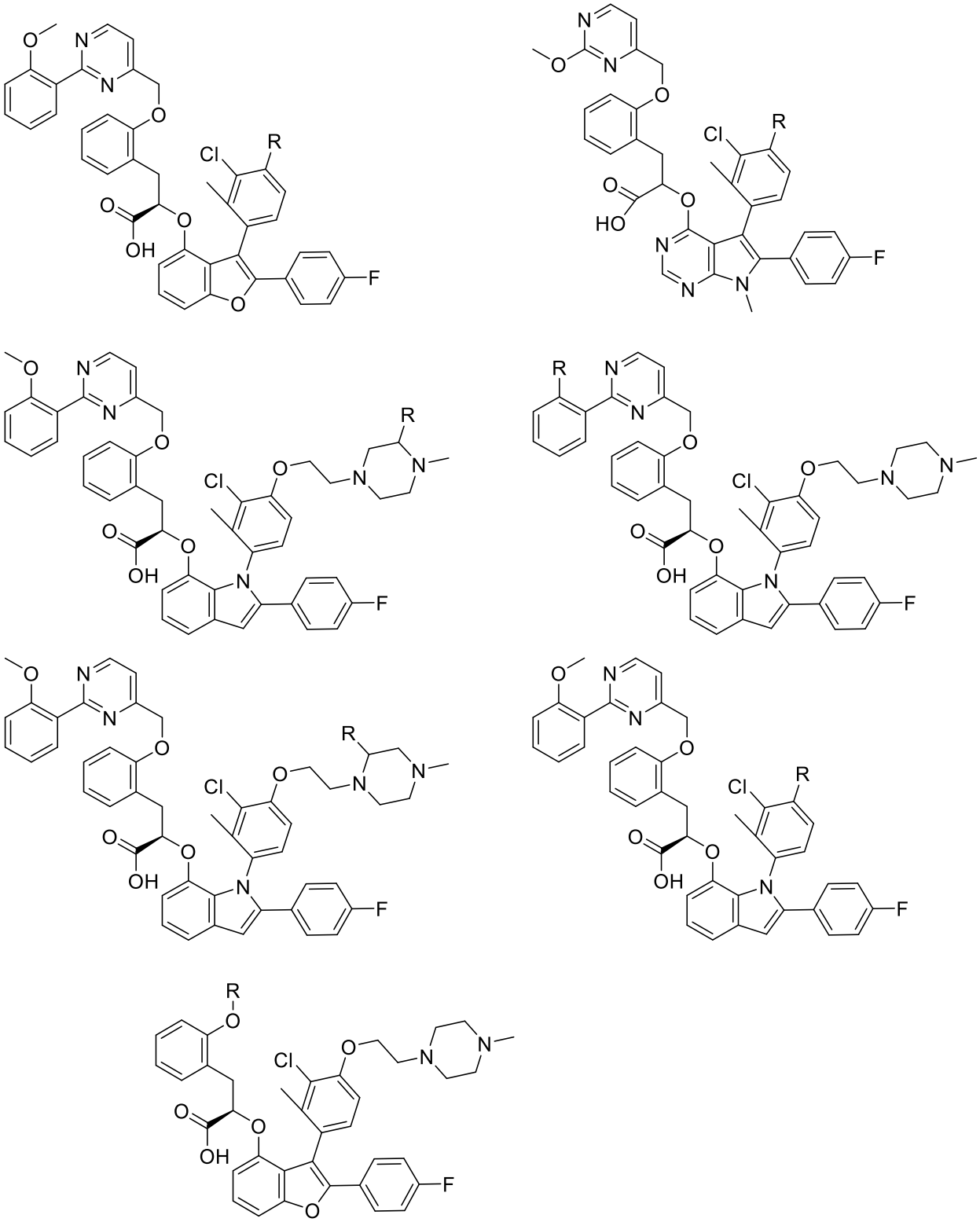


FIG. 3QQ

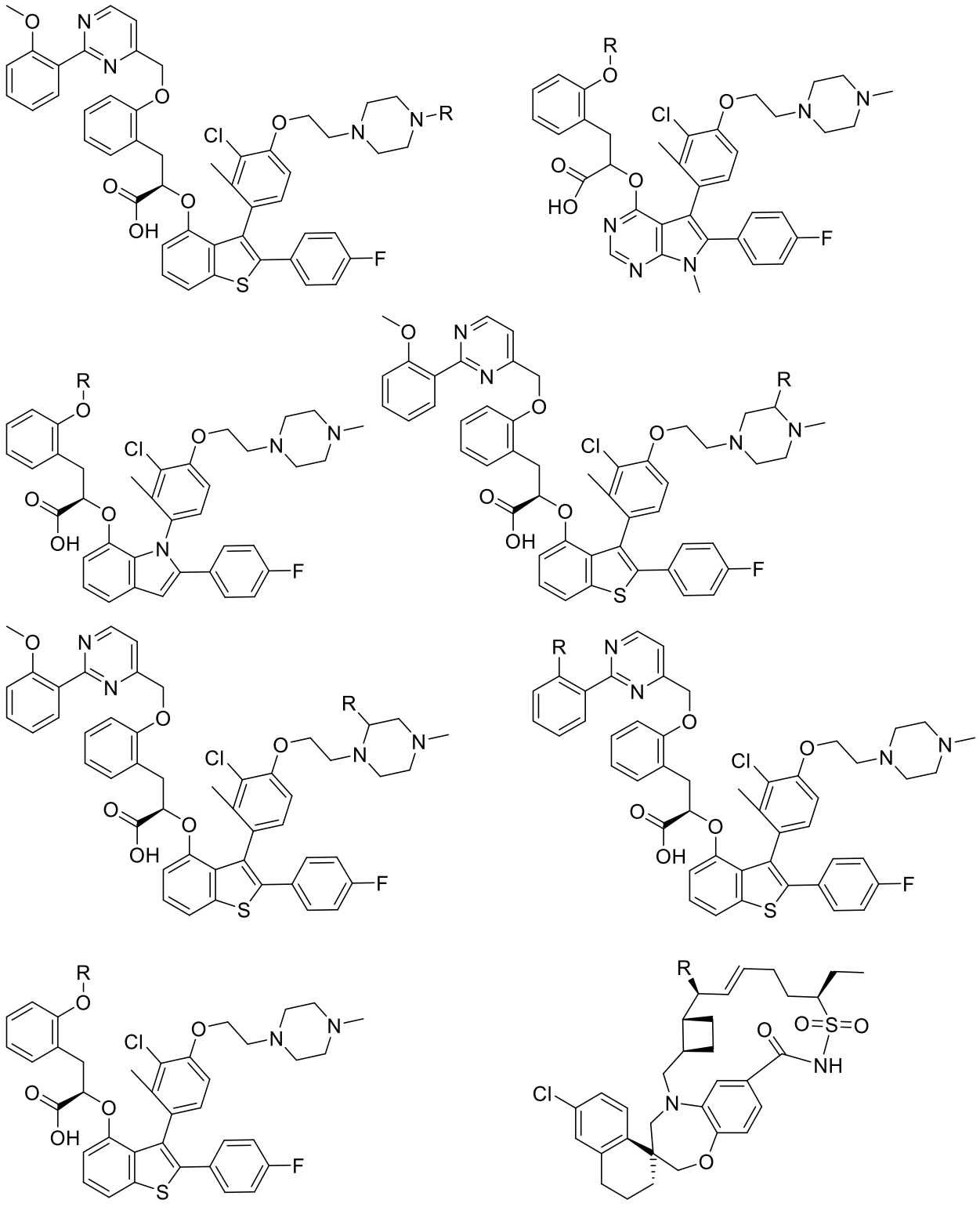


FIG. 3RR

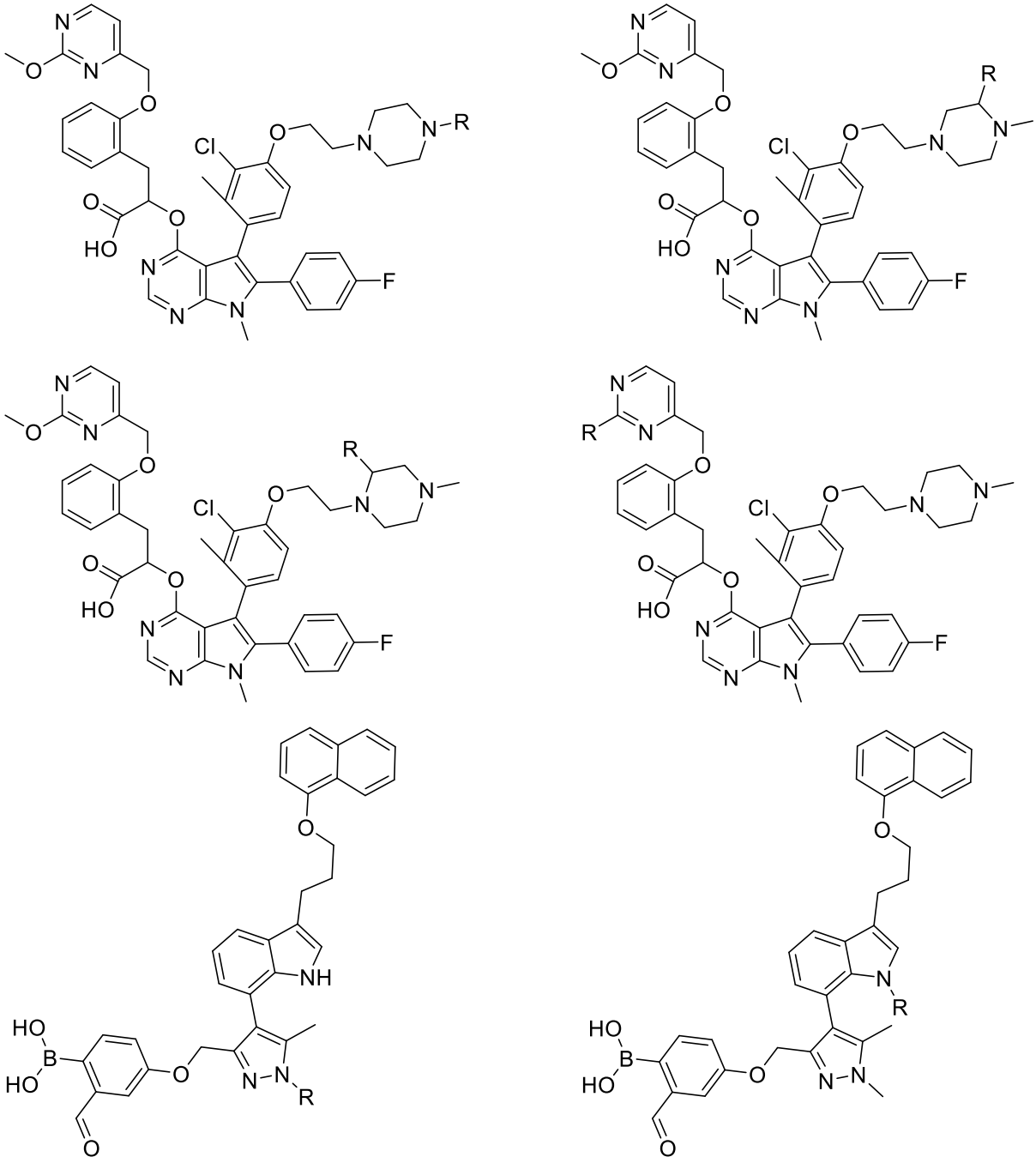


FIG. 3SS

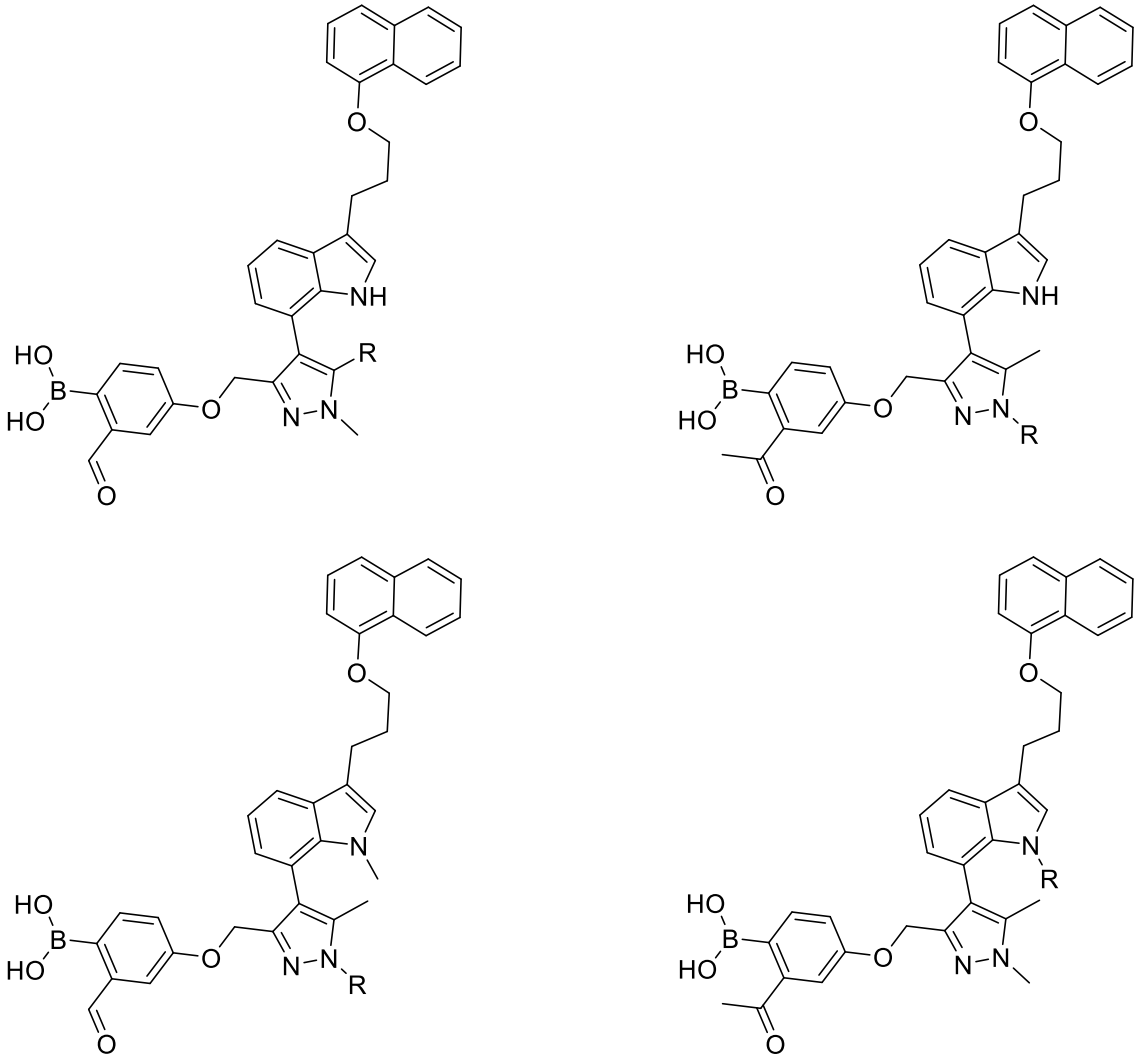


FIG. 3TT

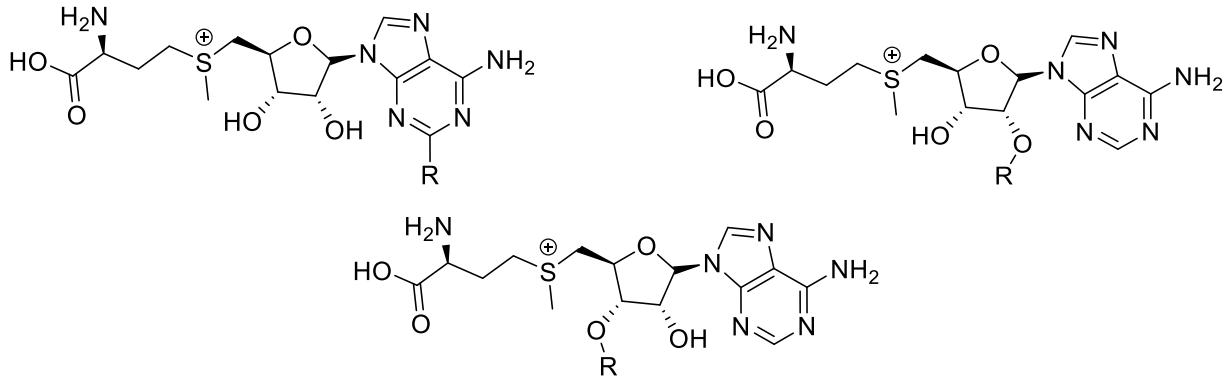


FIG. 3UU

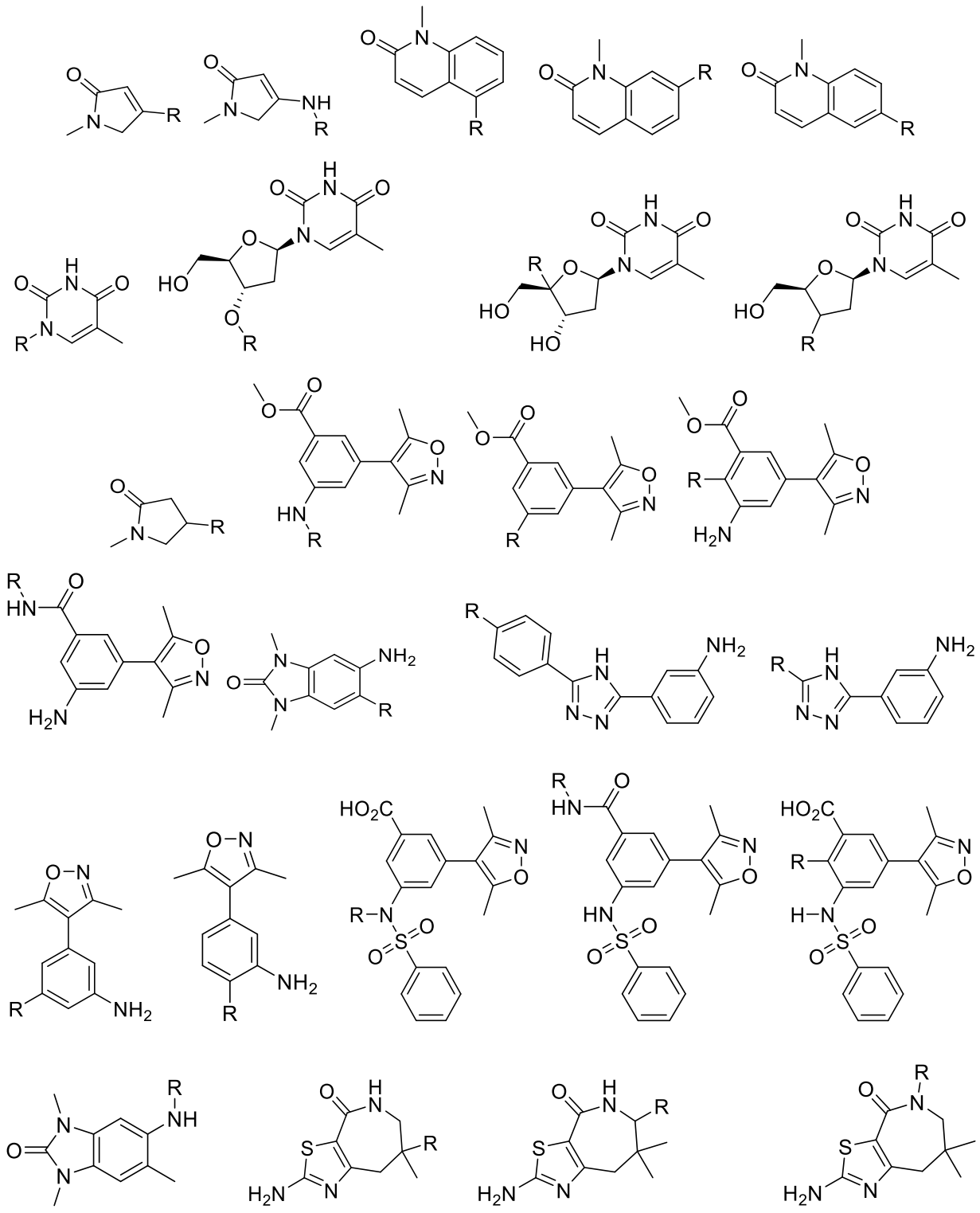


FIG. 3VV

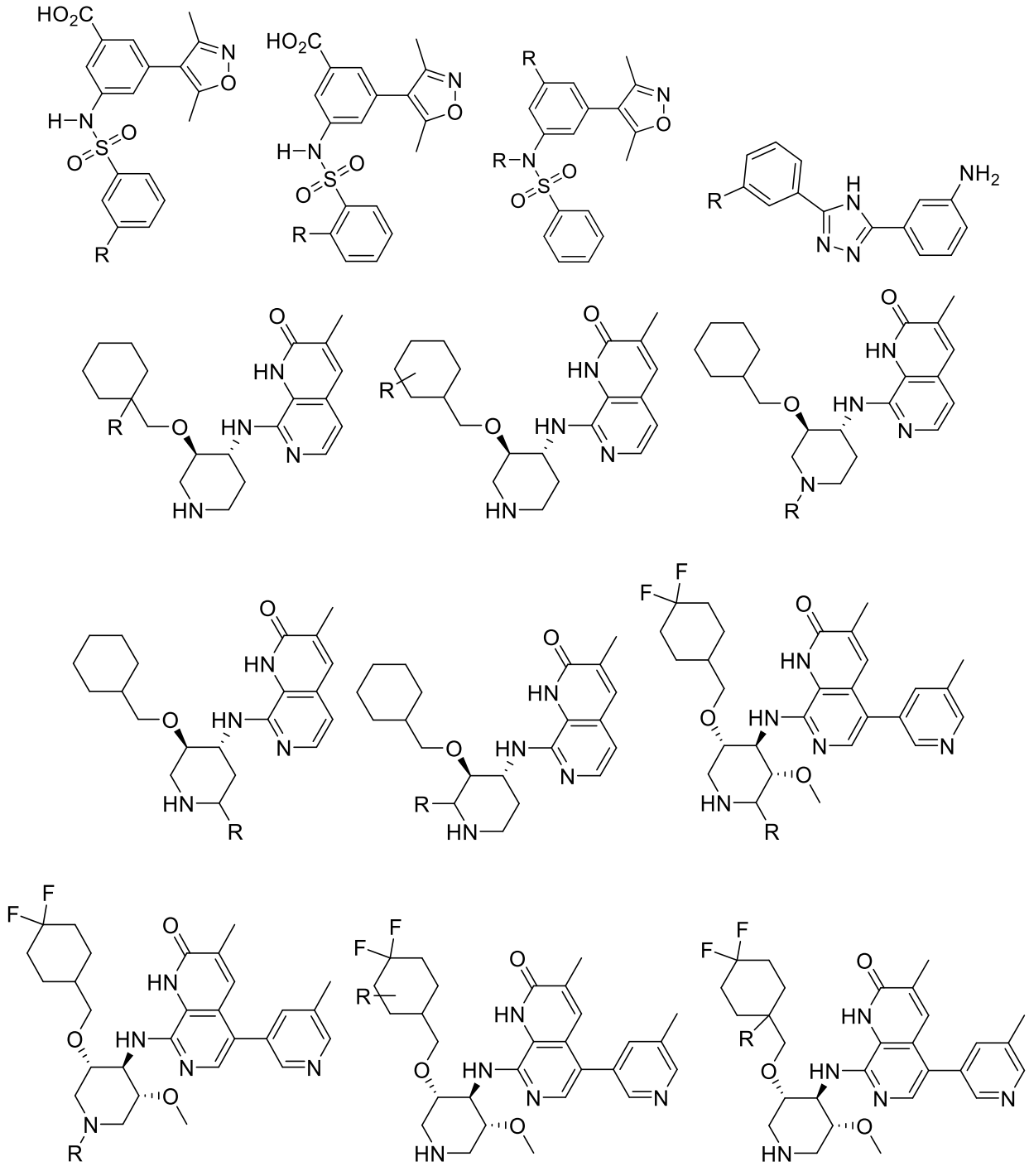


FIG. 3WW

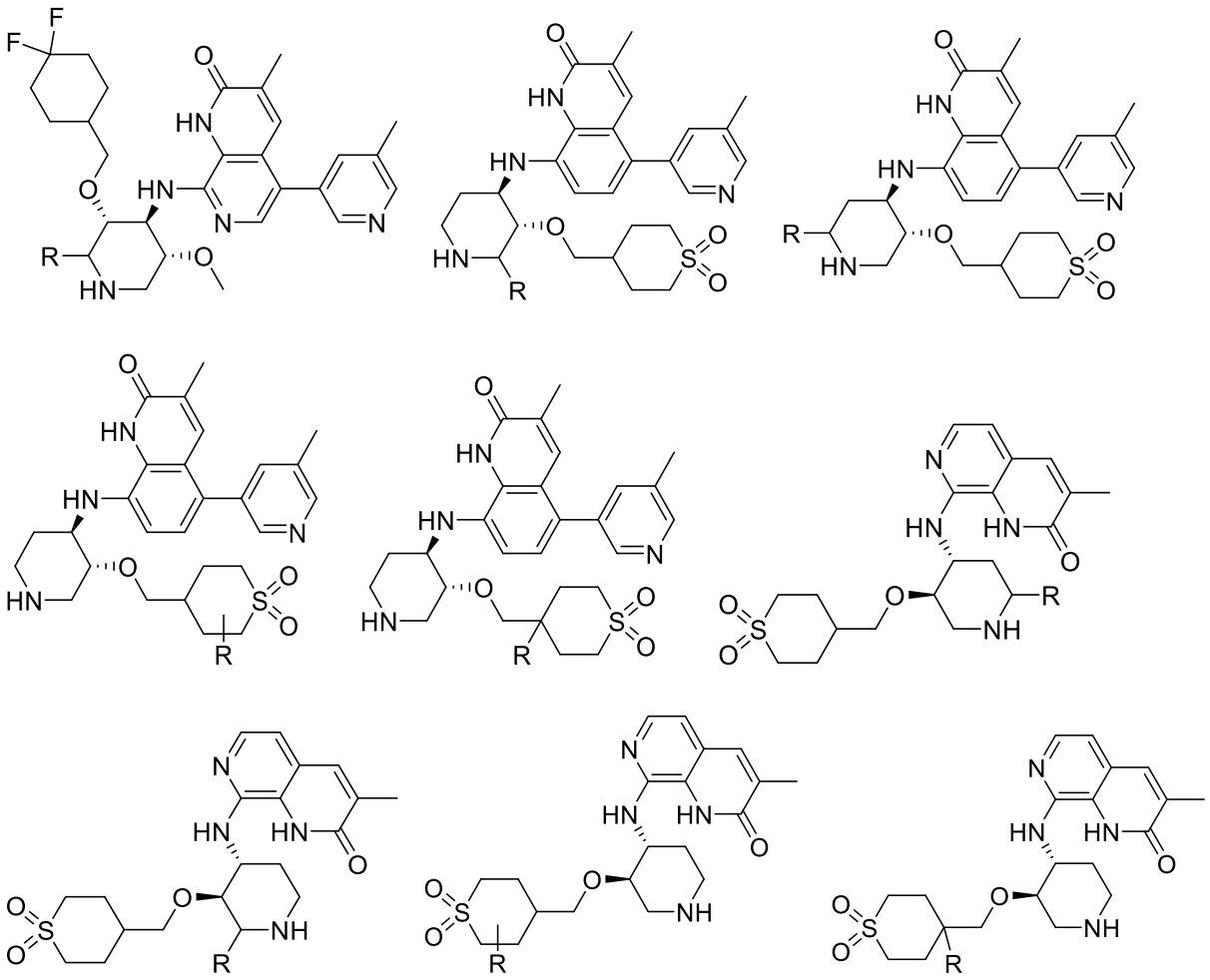


FIG. 3XX

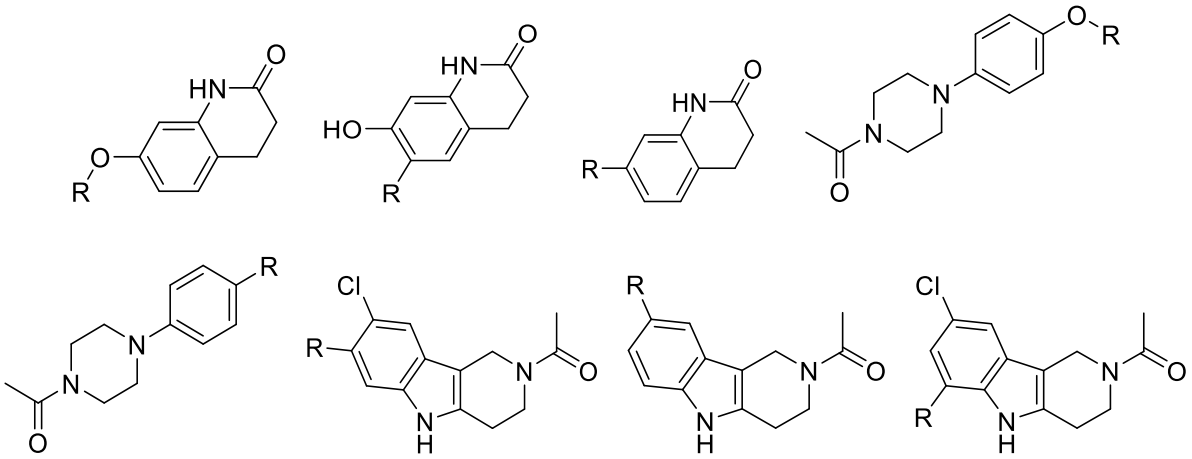
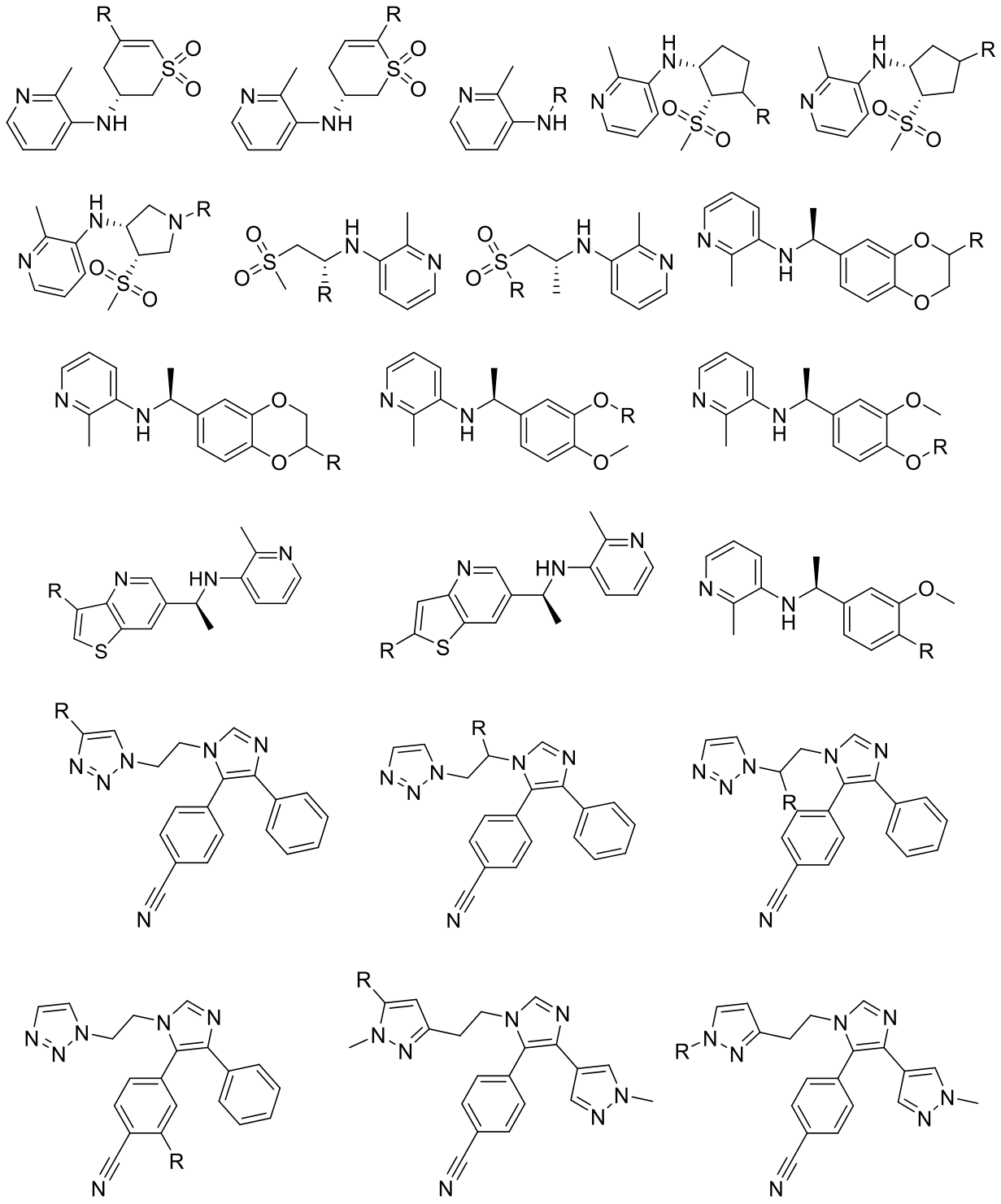


FIG. 3YY



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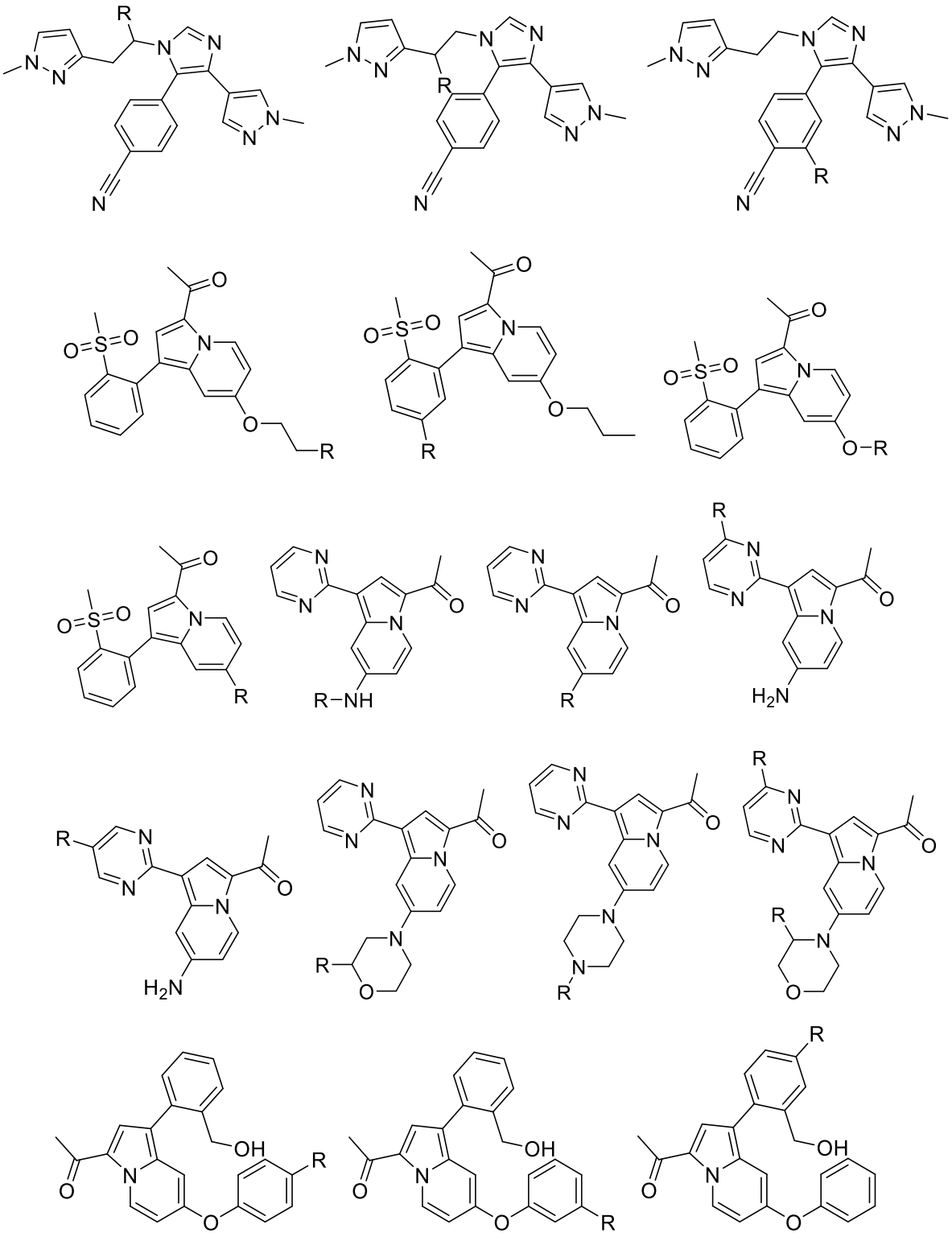

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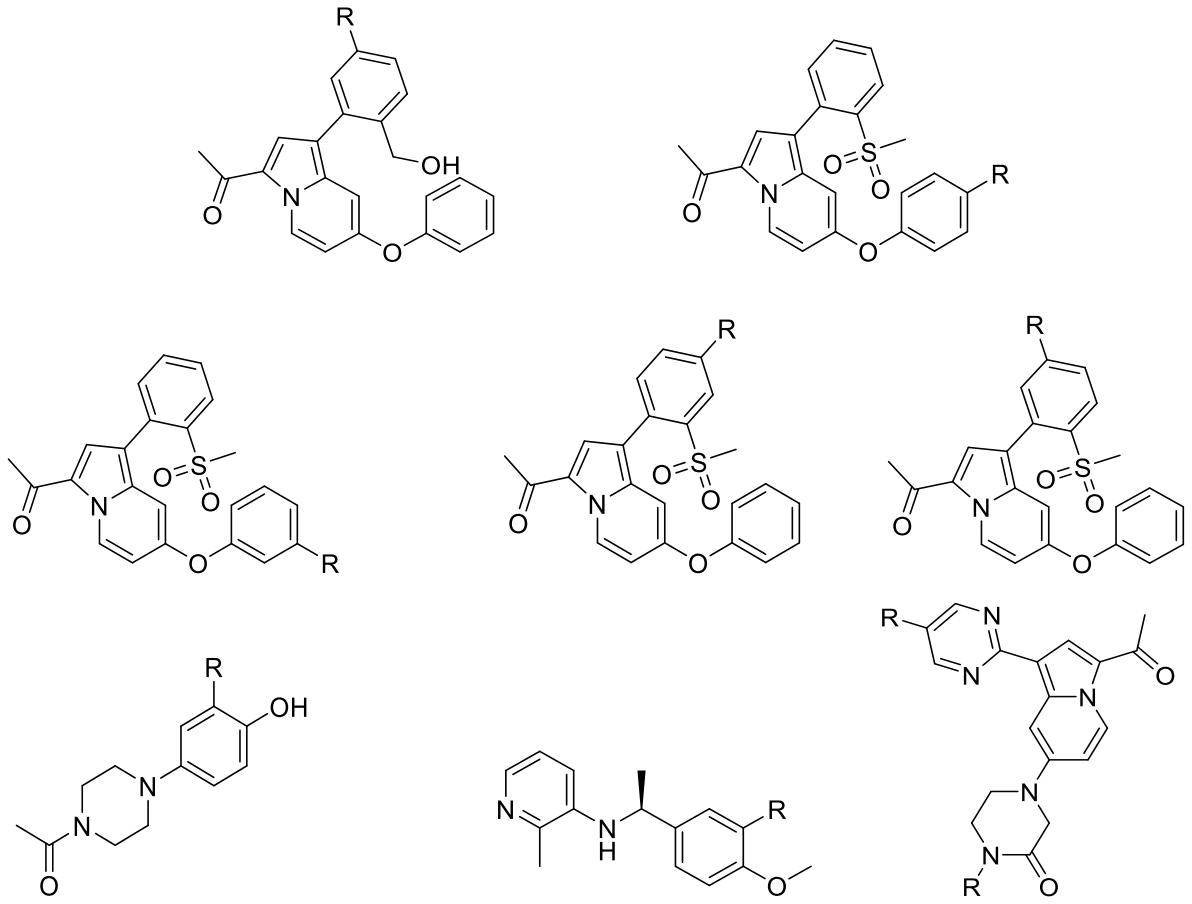

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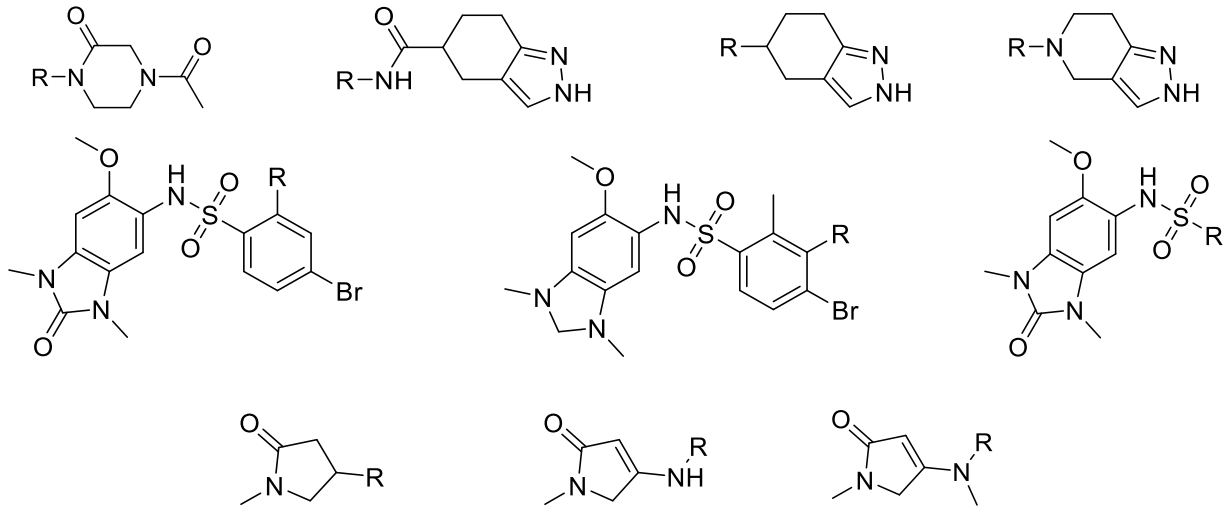

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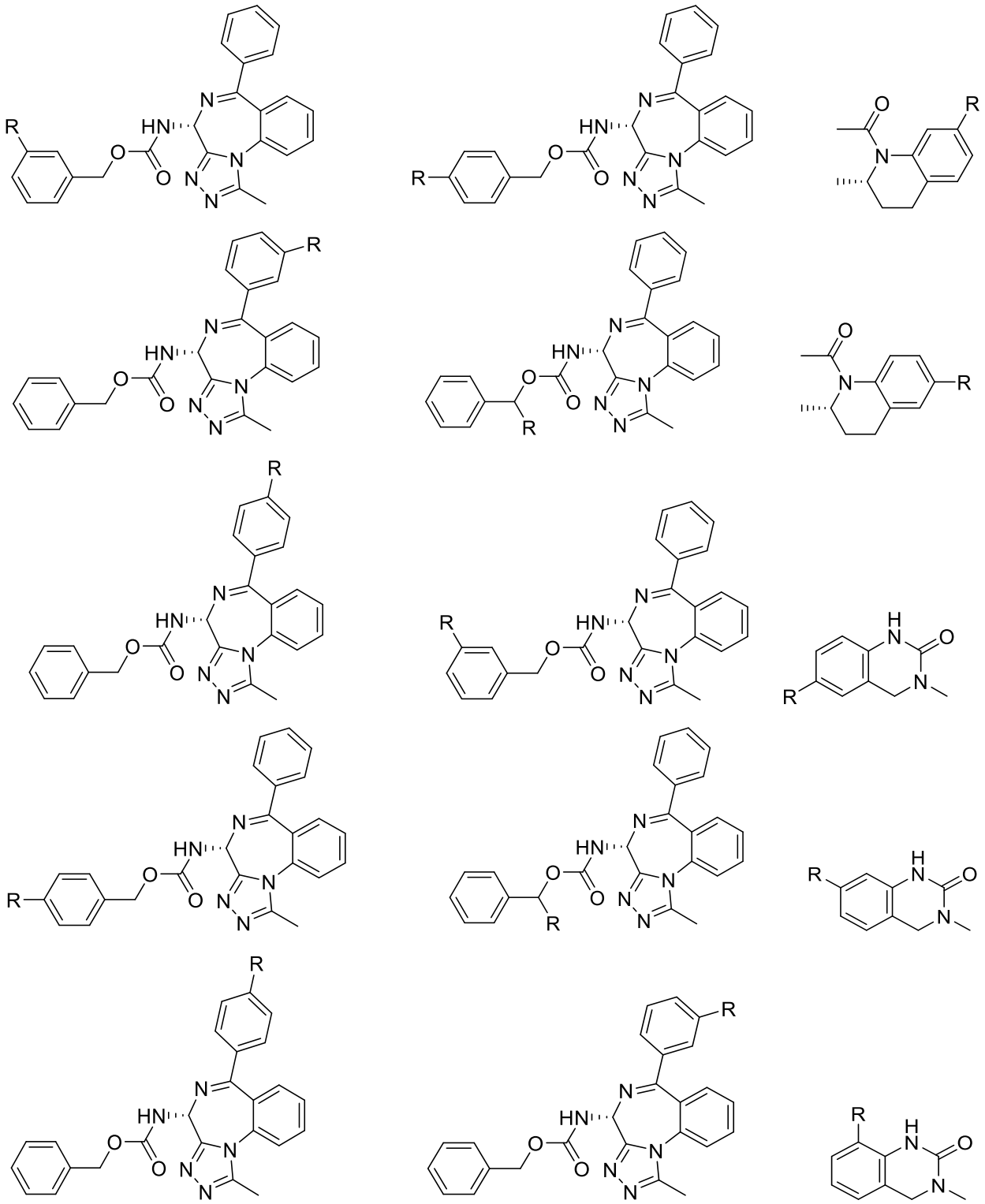

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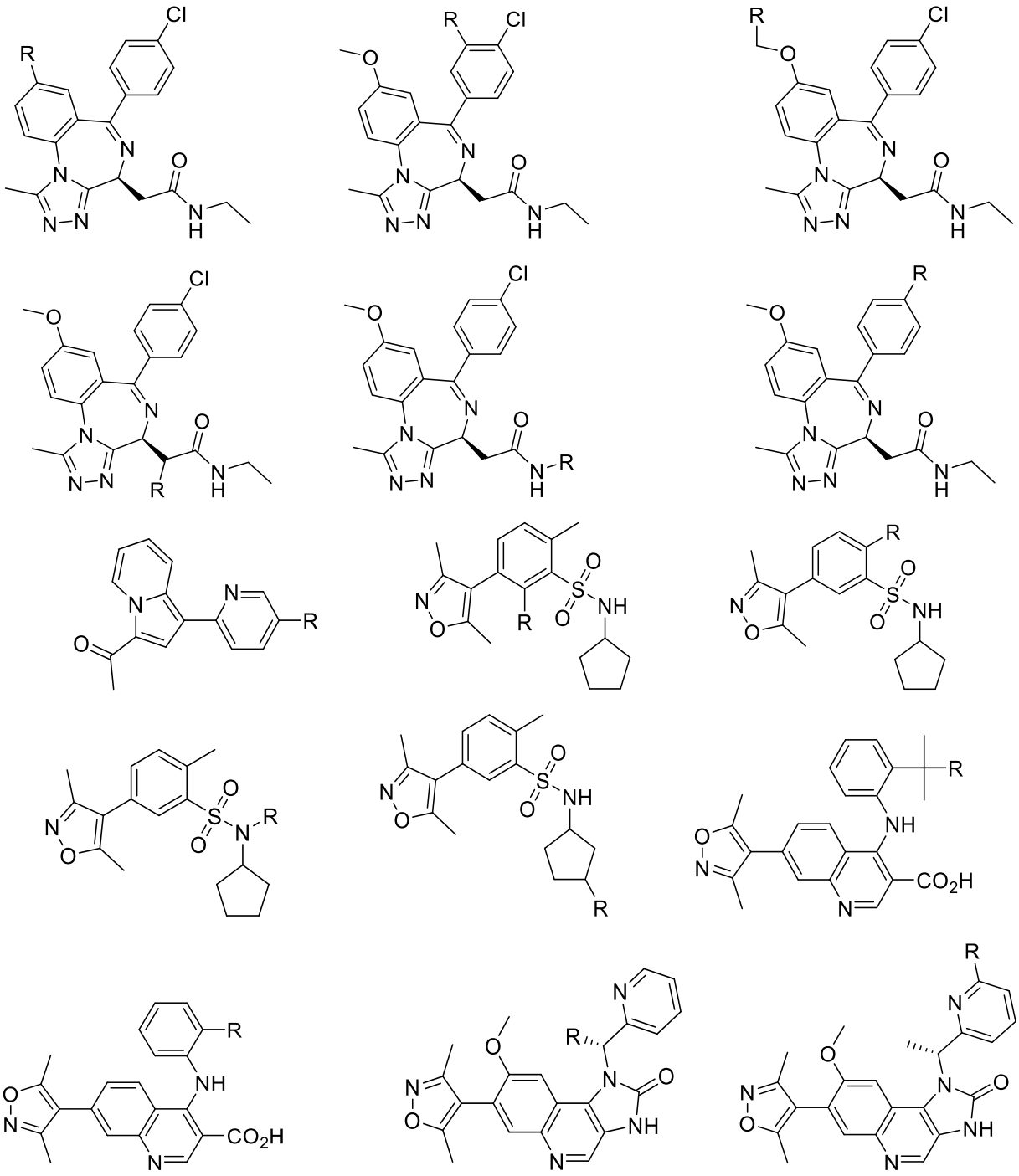

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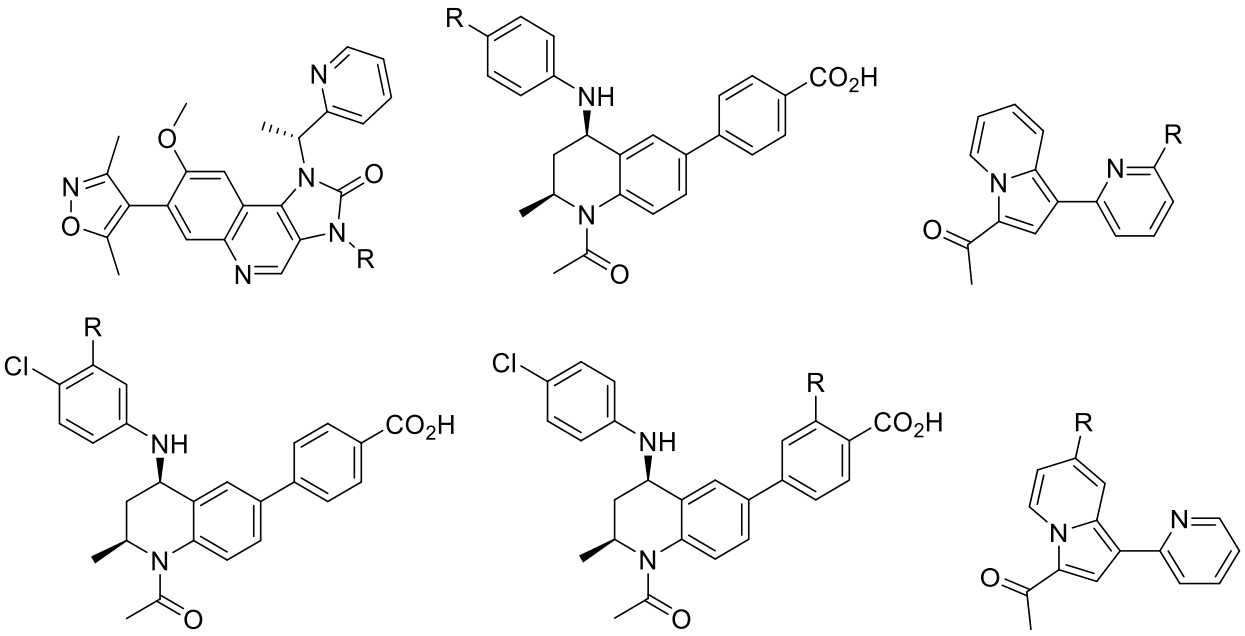

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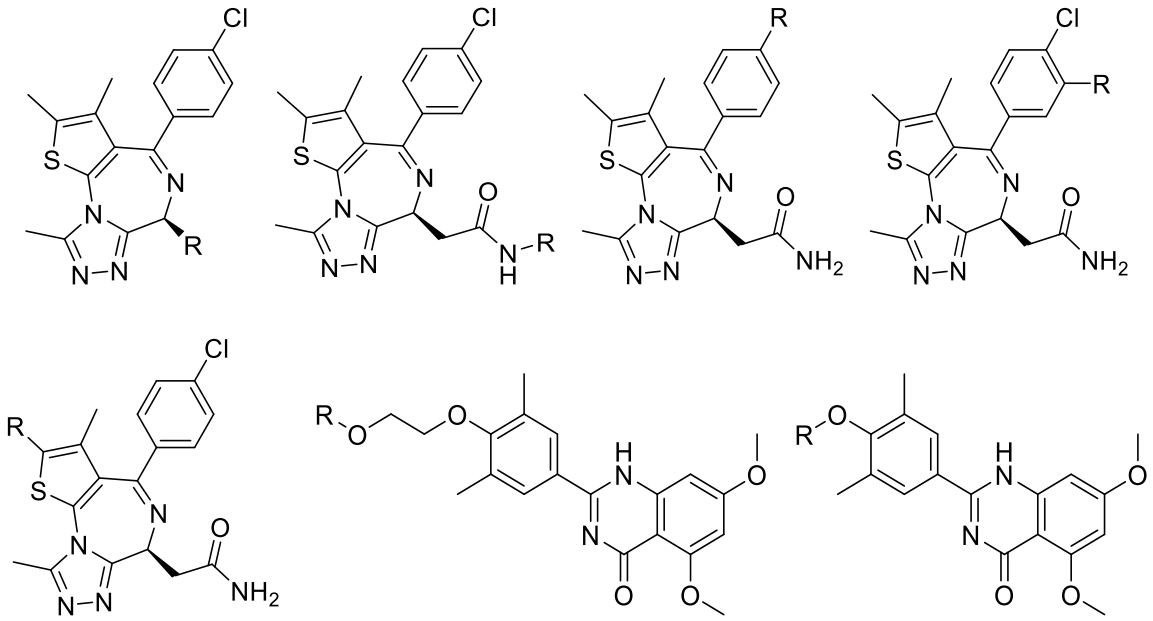

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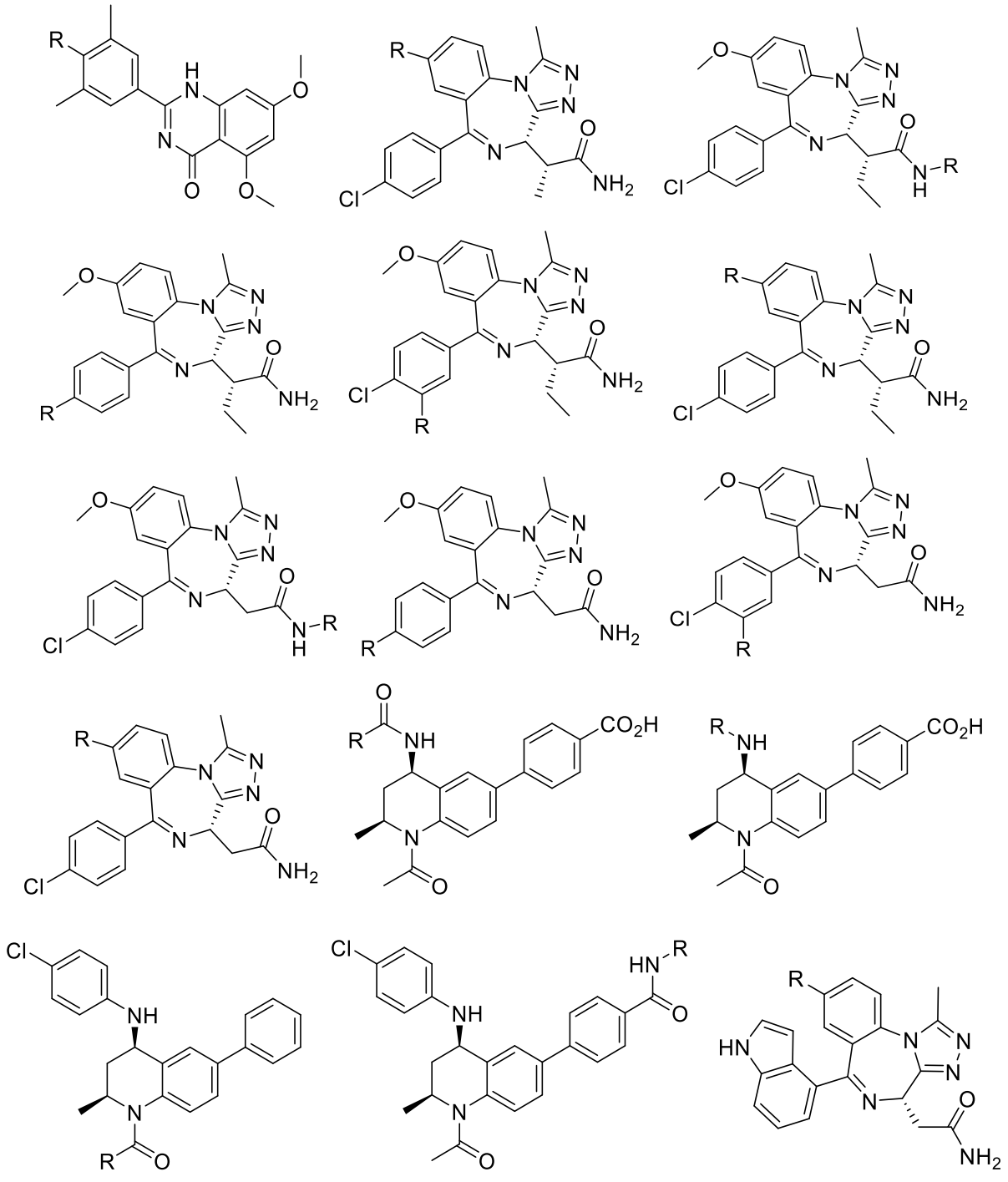

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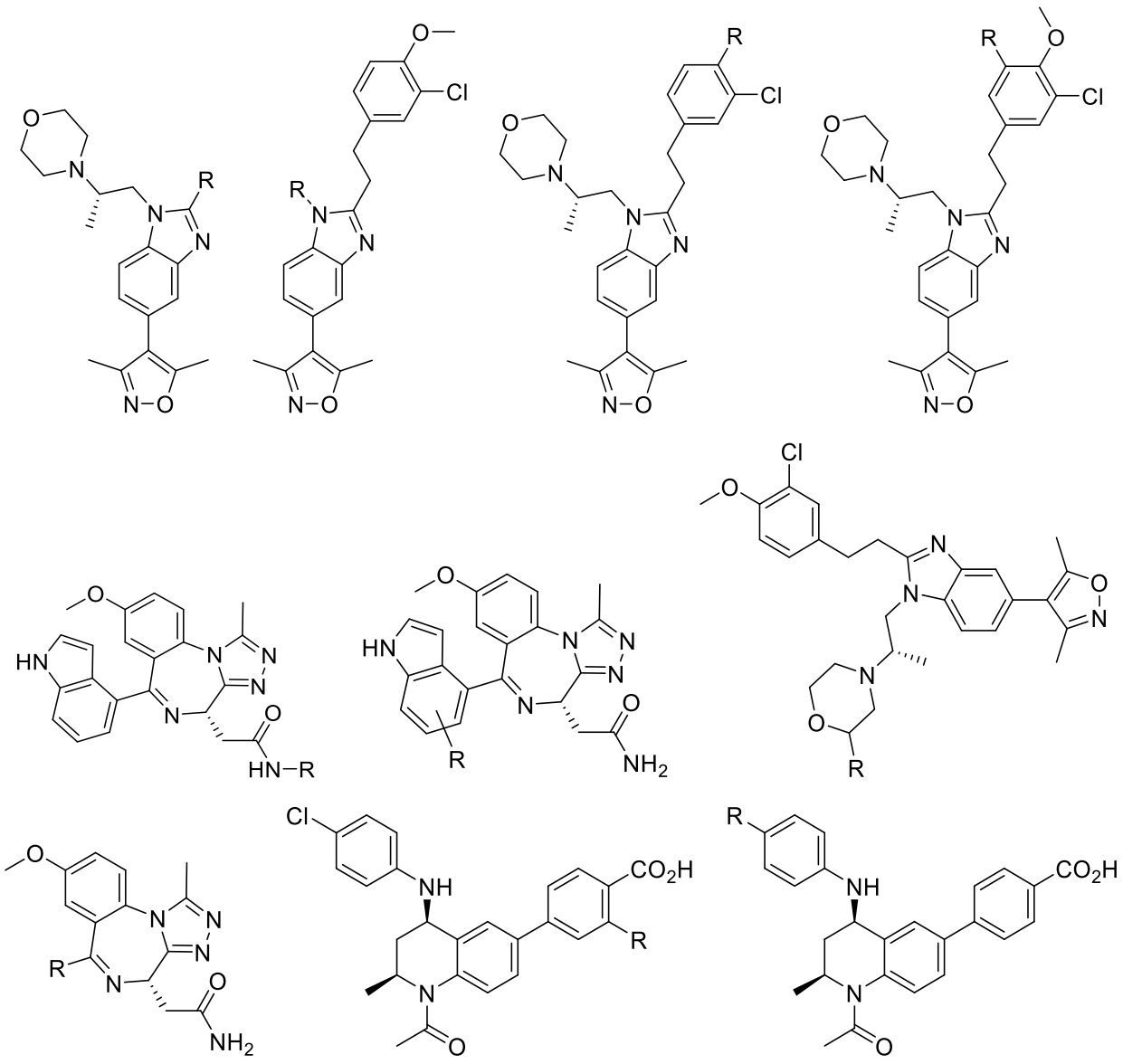
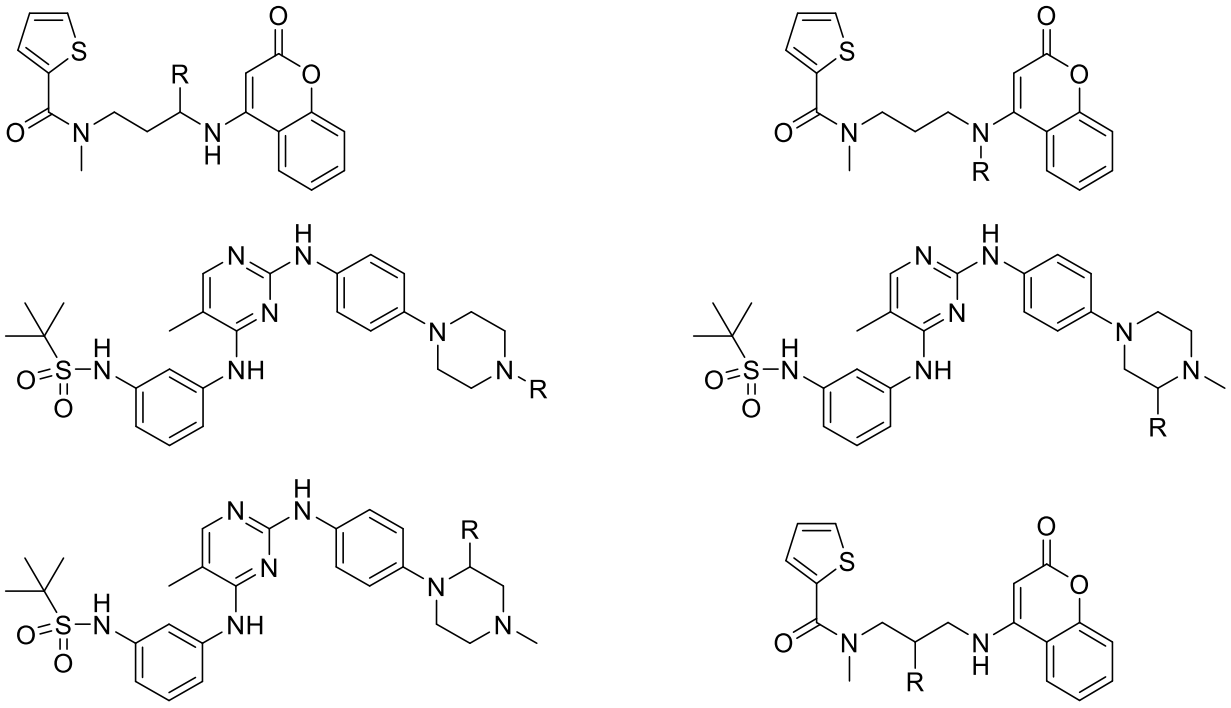


FIG. 3III



FIG. 3JJJ



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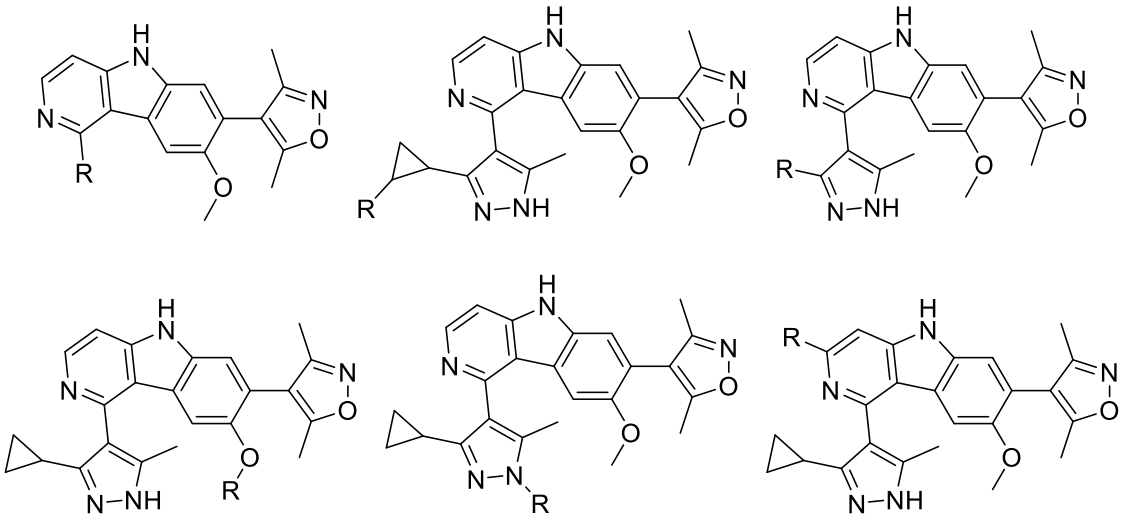

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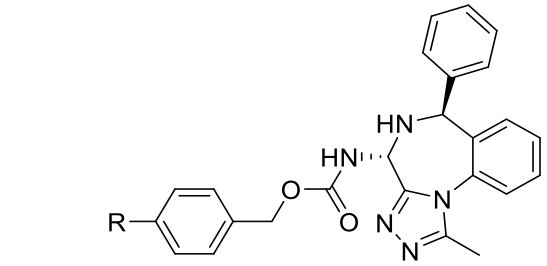

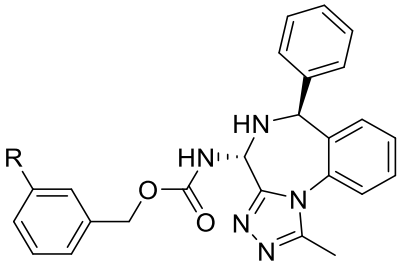

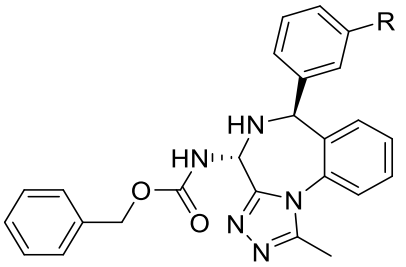

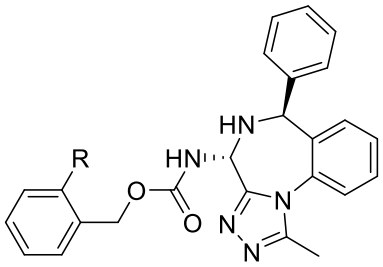

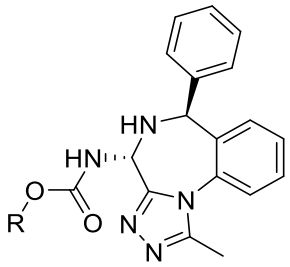

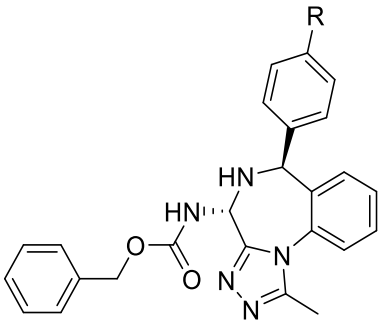

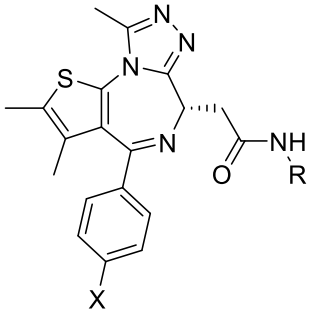

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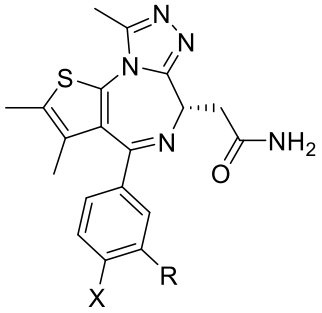

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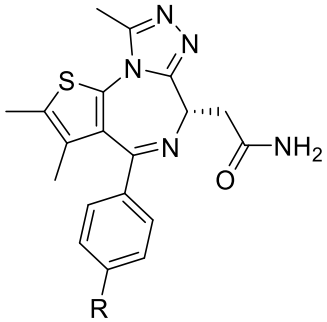

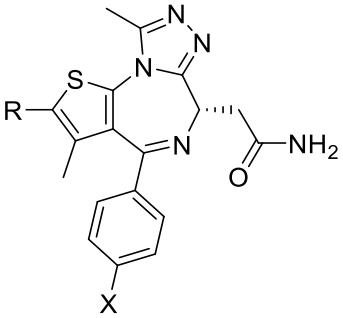

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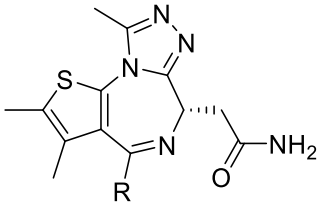

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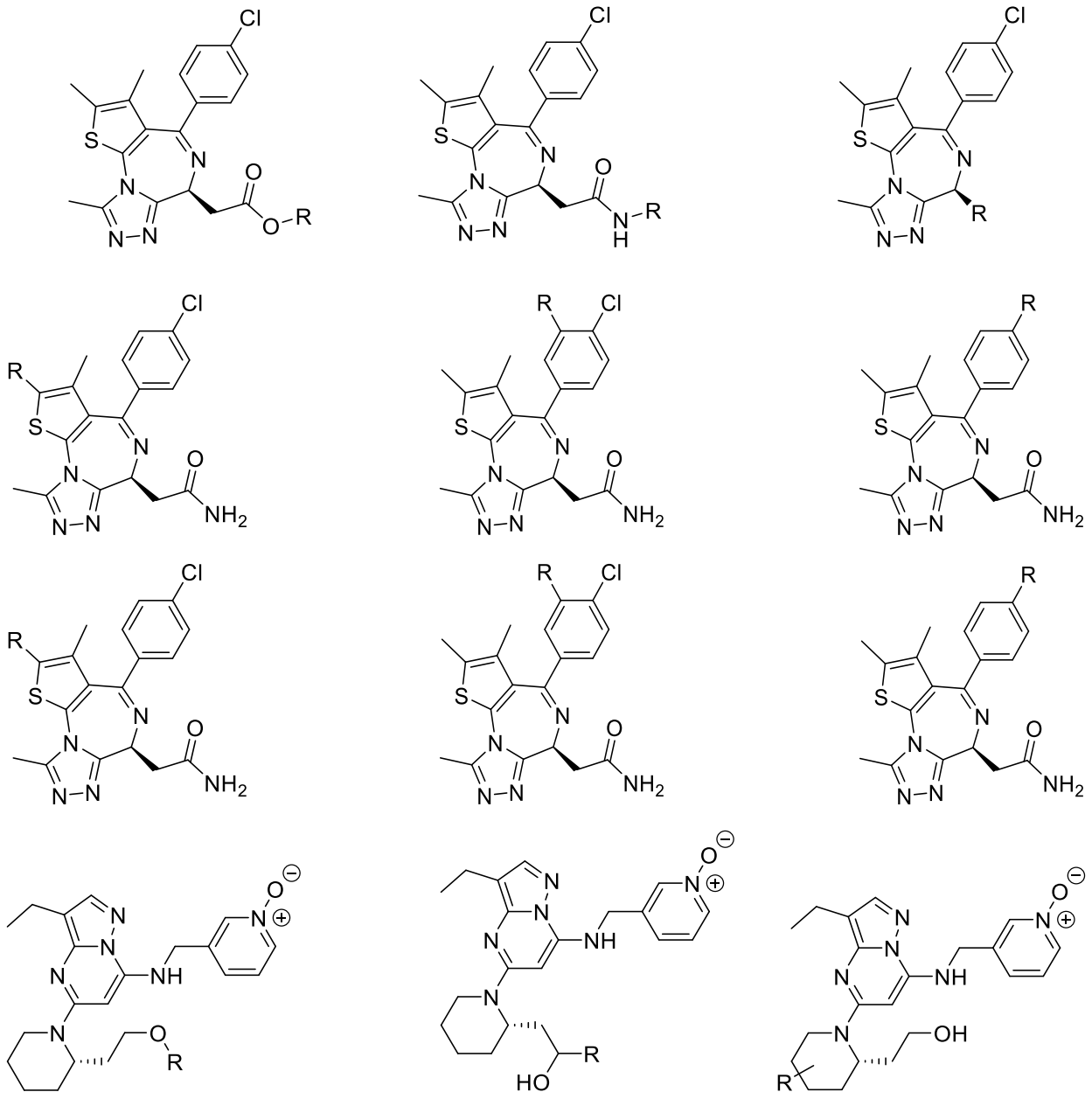

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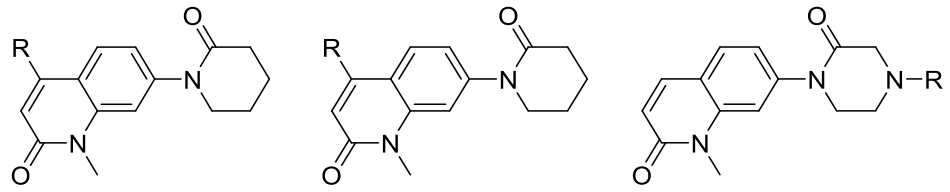

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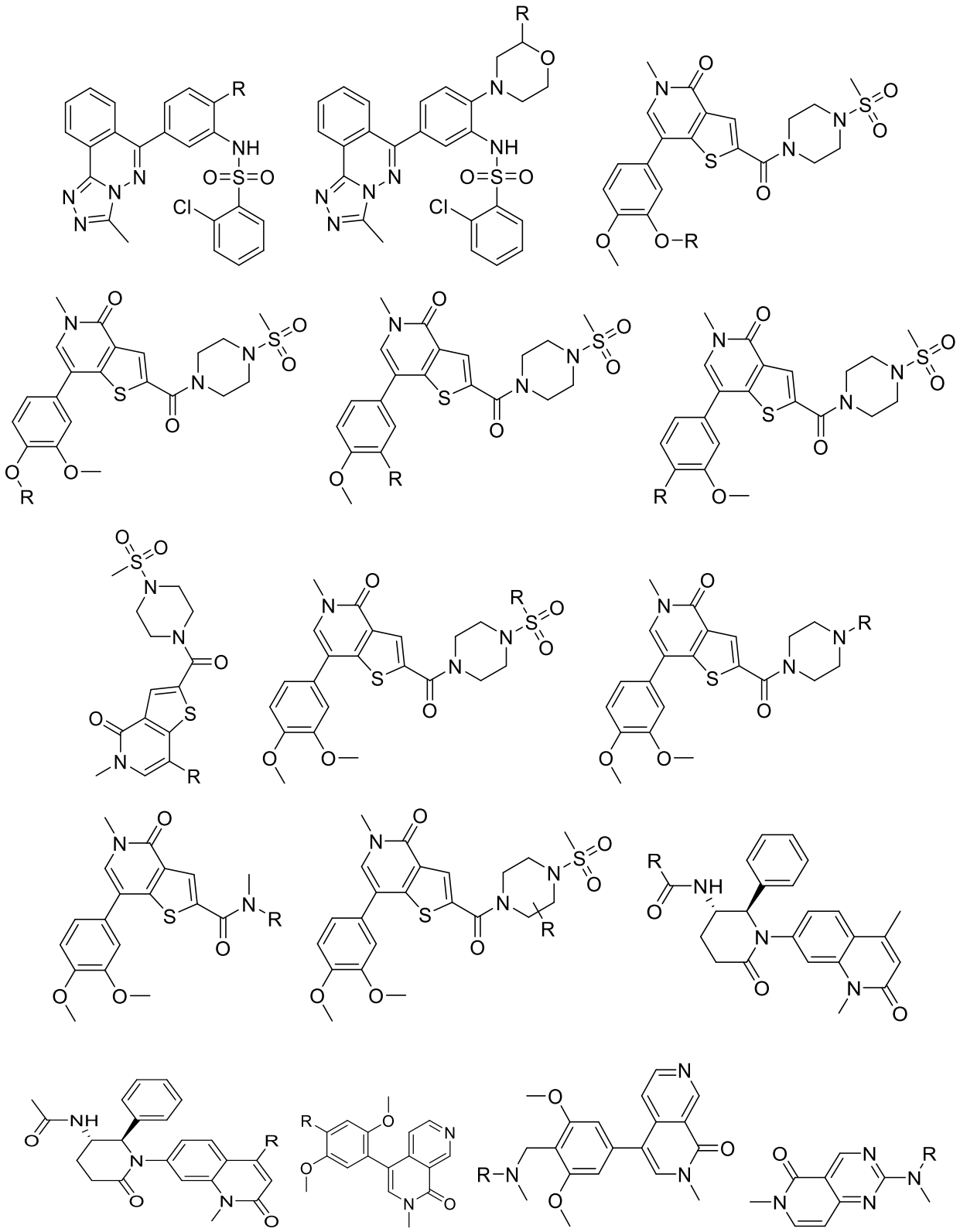

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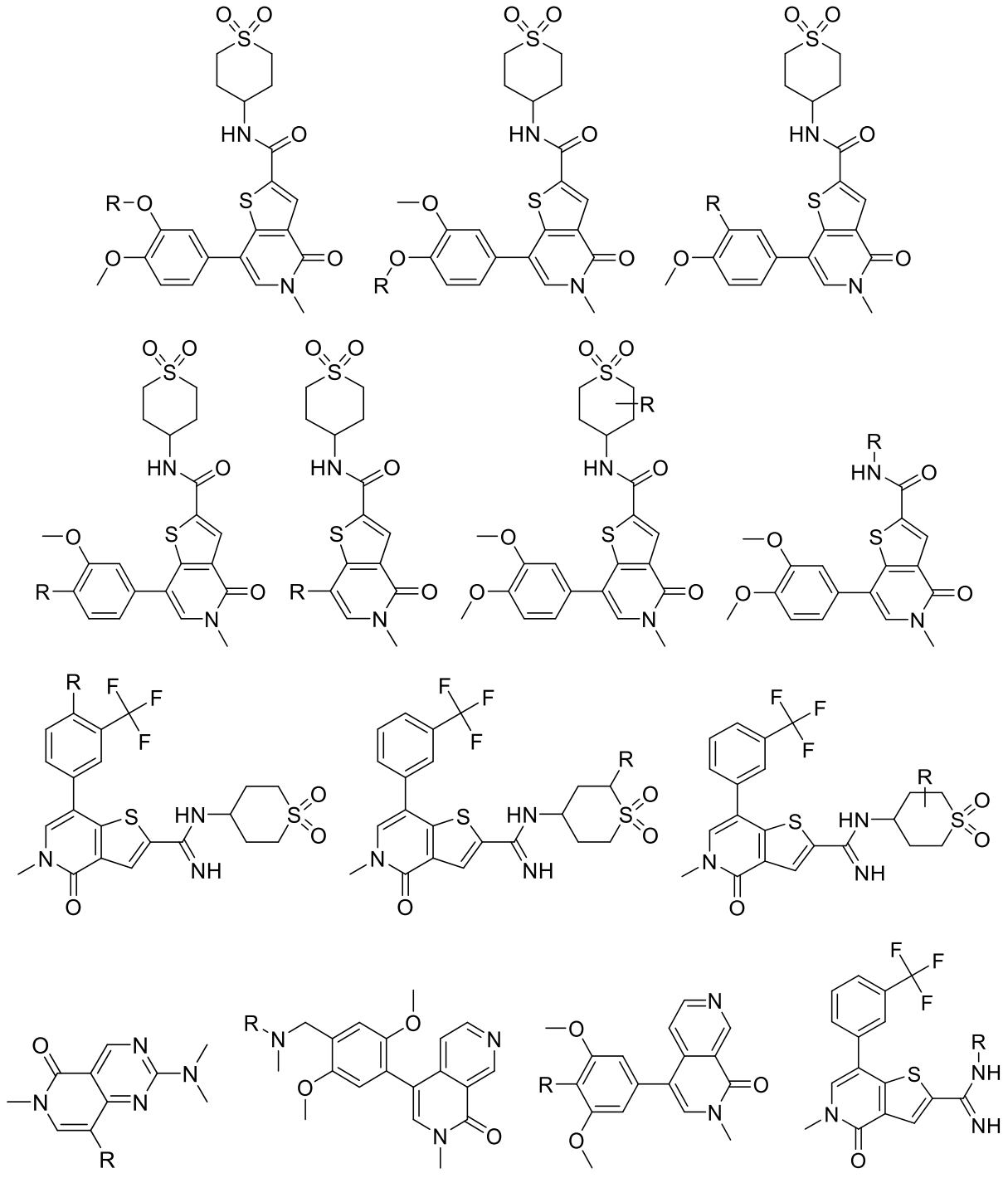

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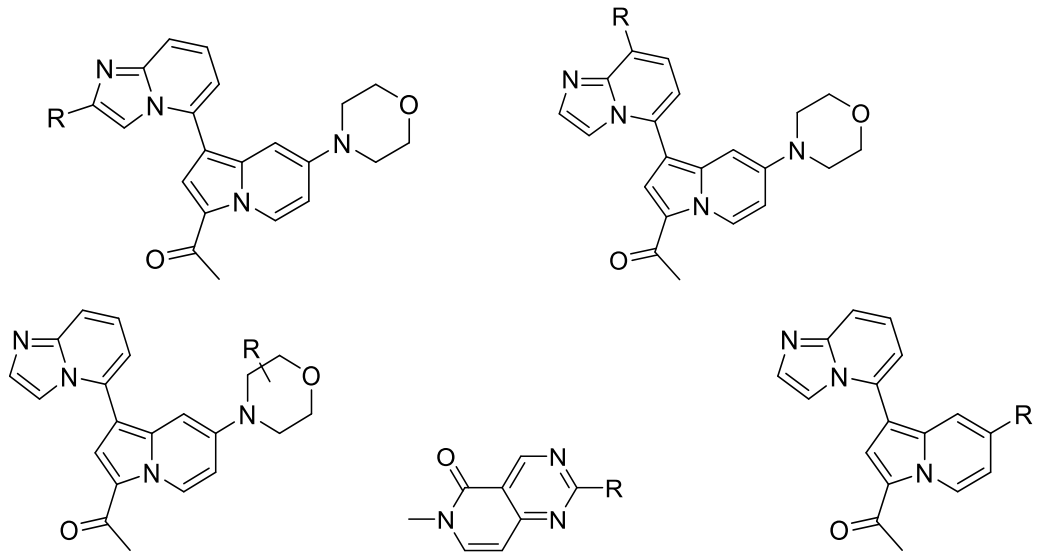

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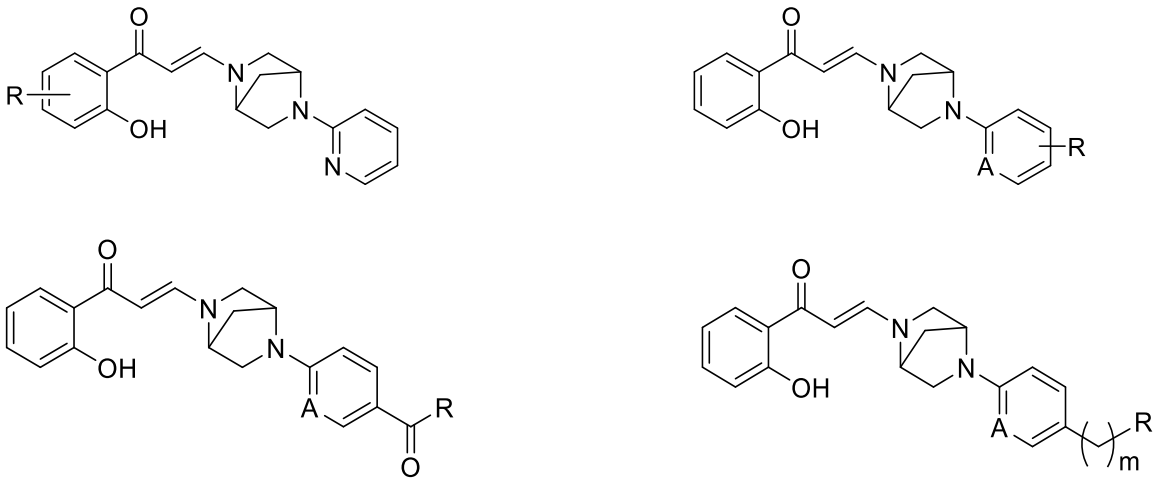

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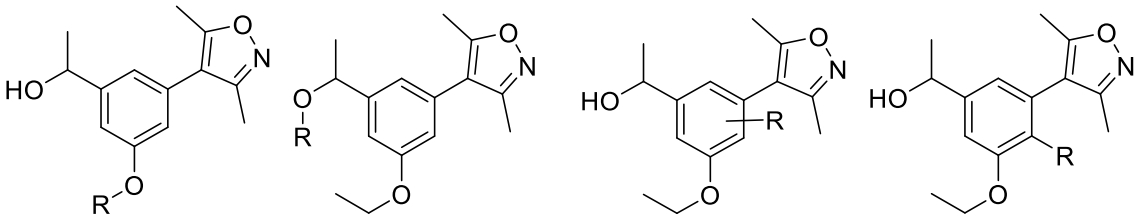

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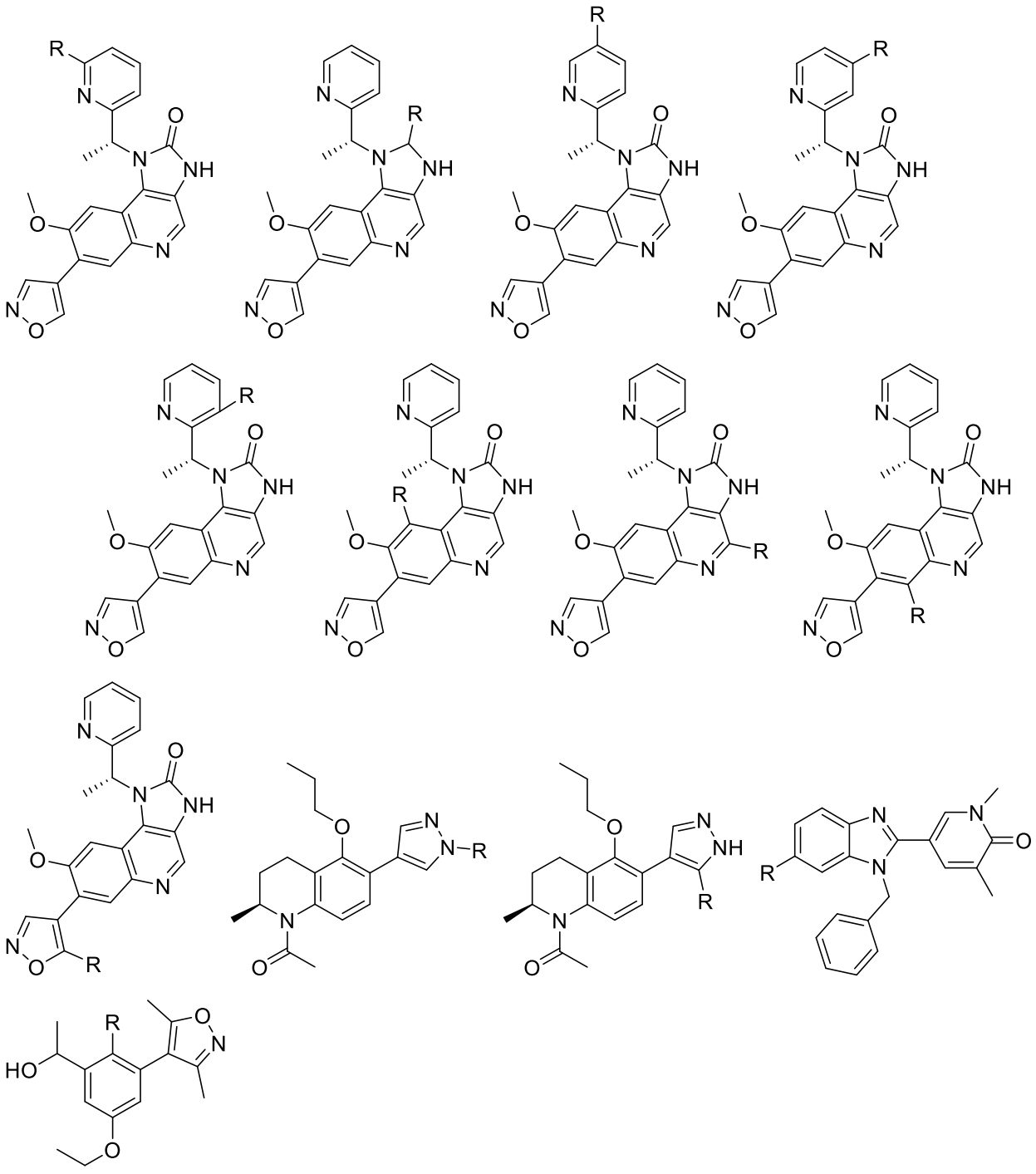

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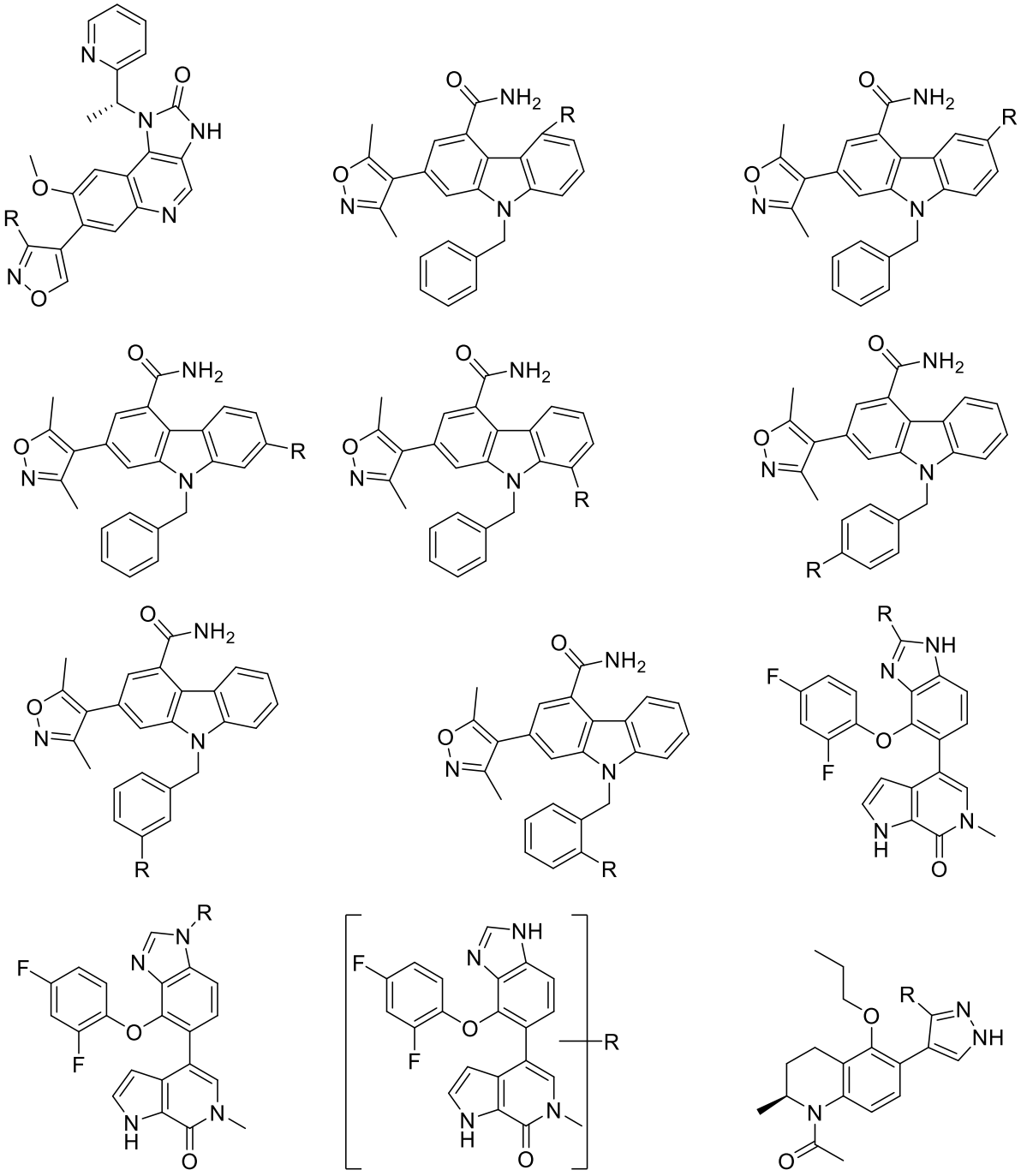

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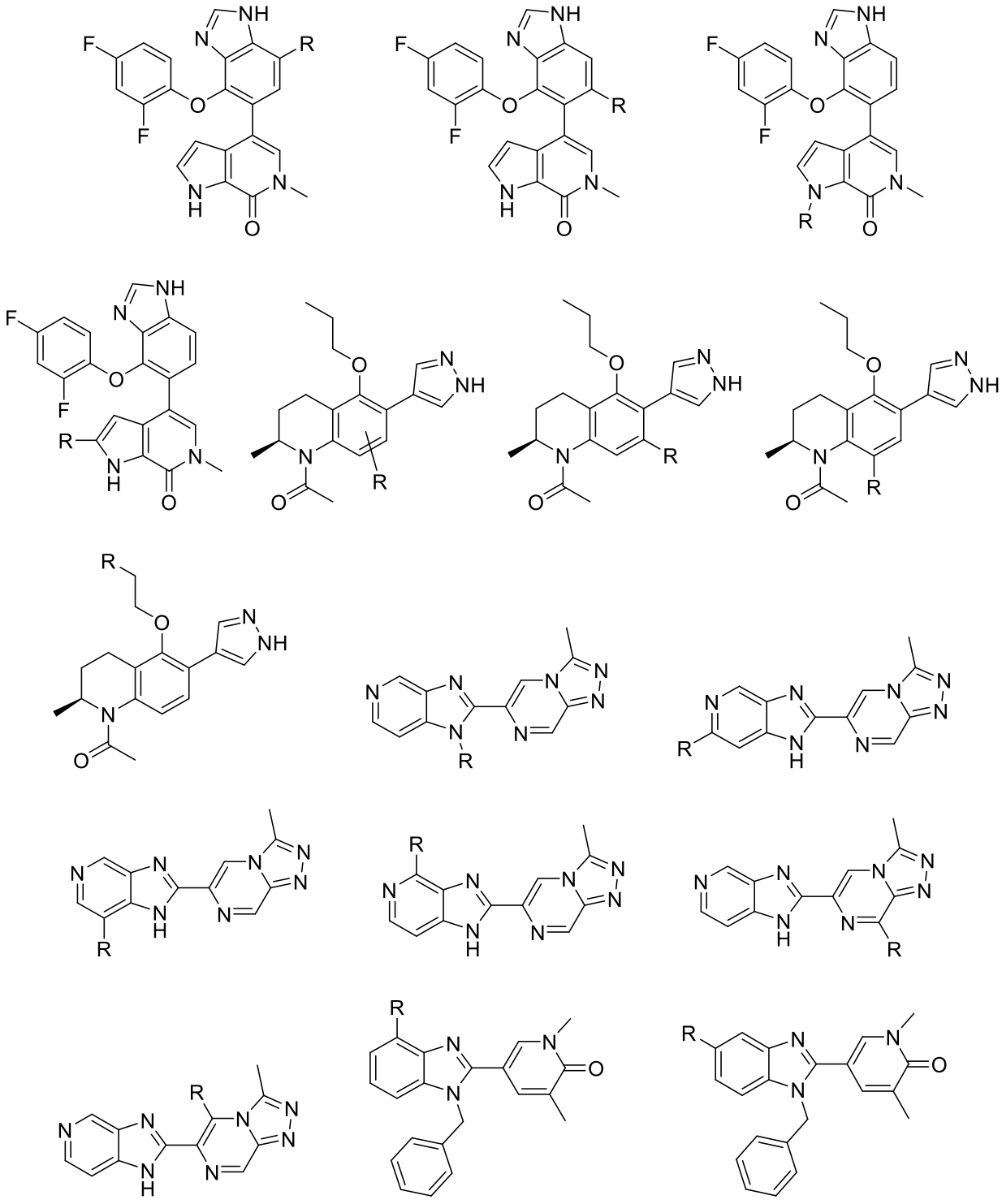

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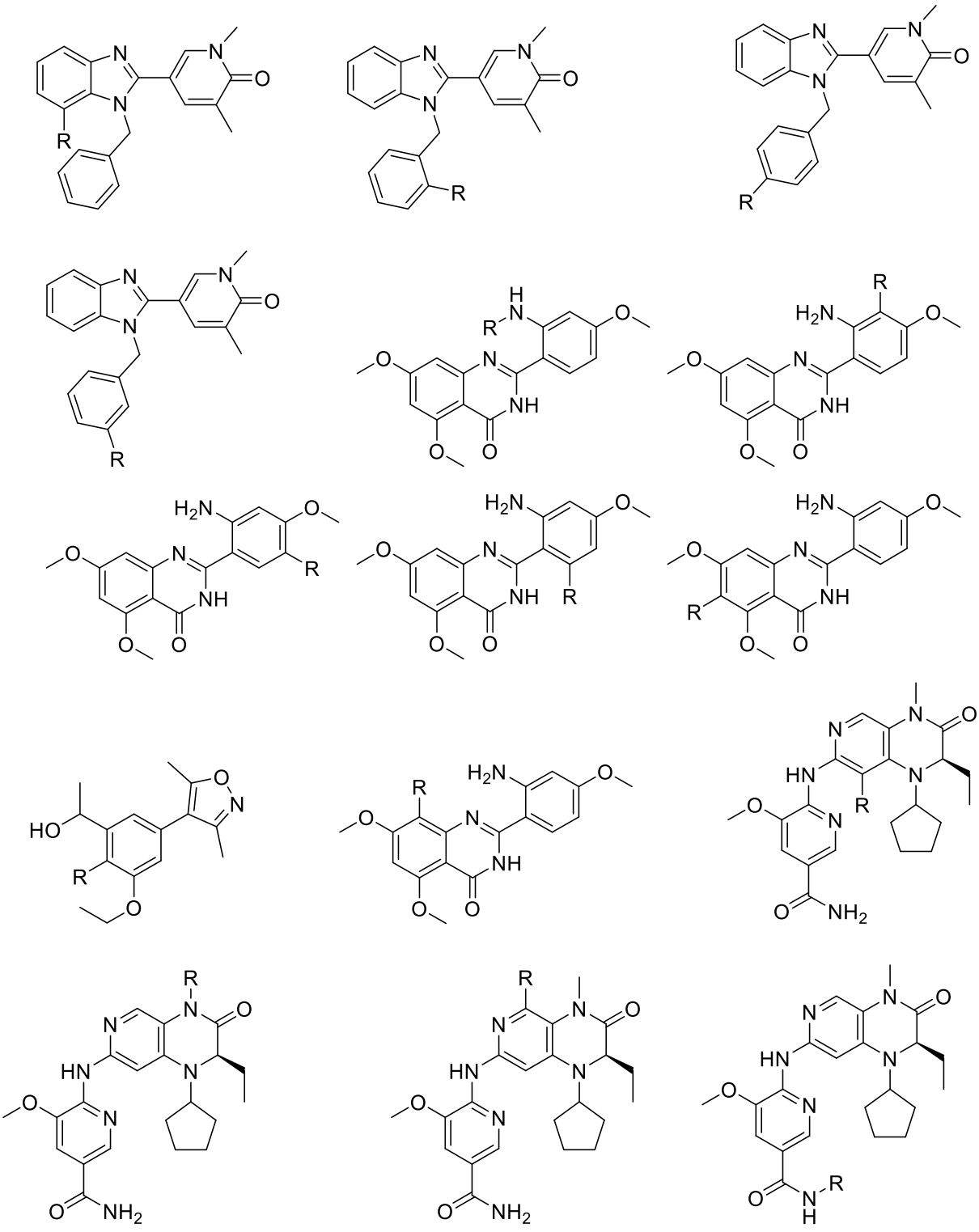

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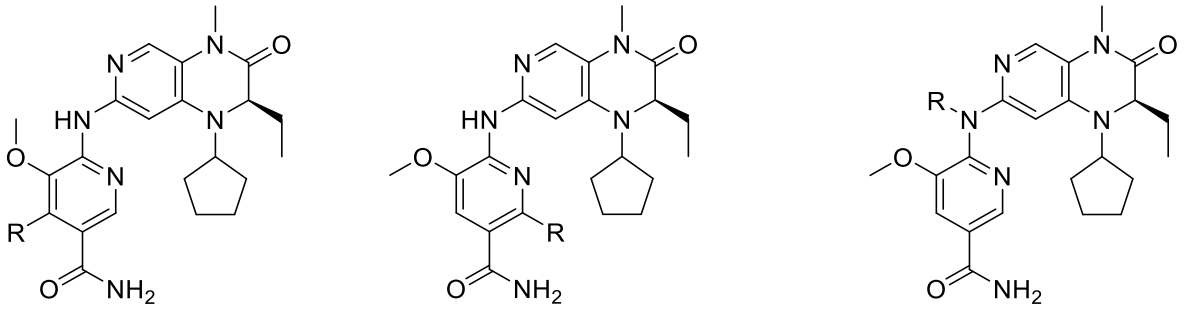

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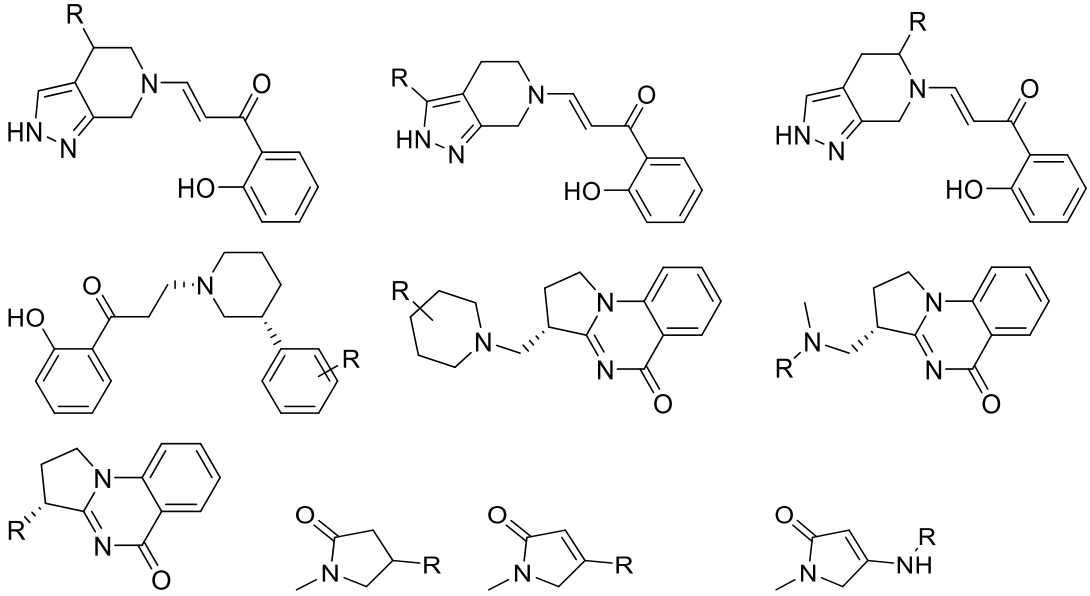

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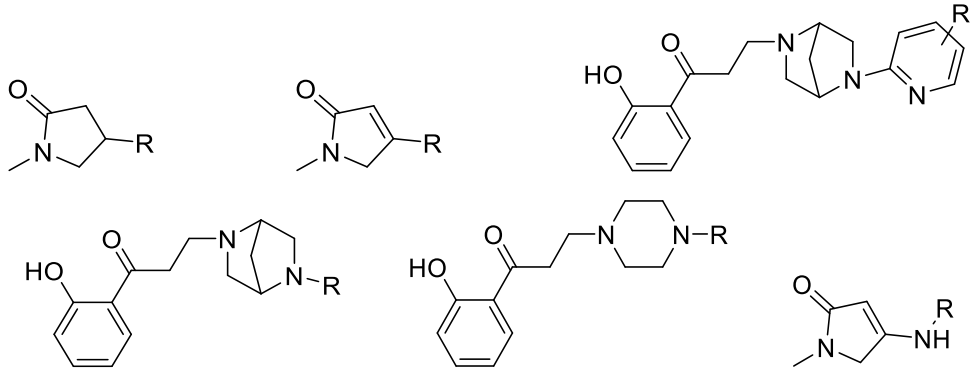

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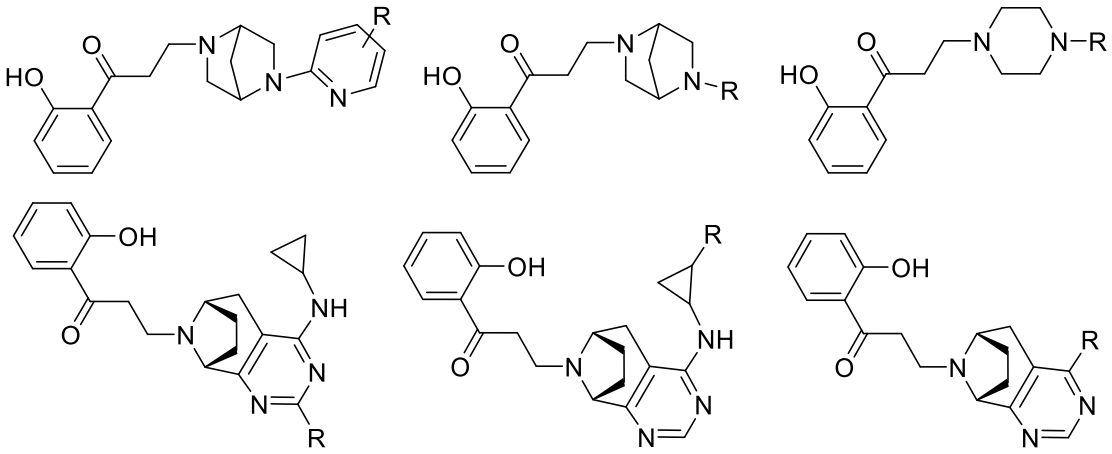

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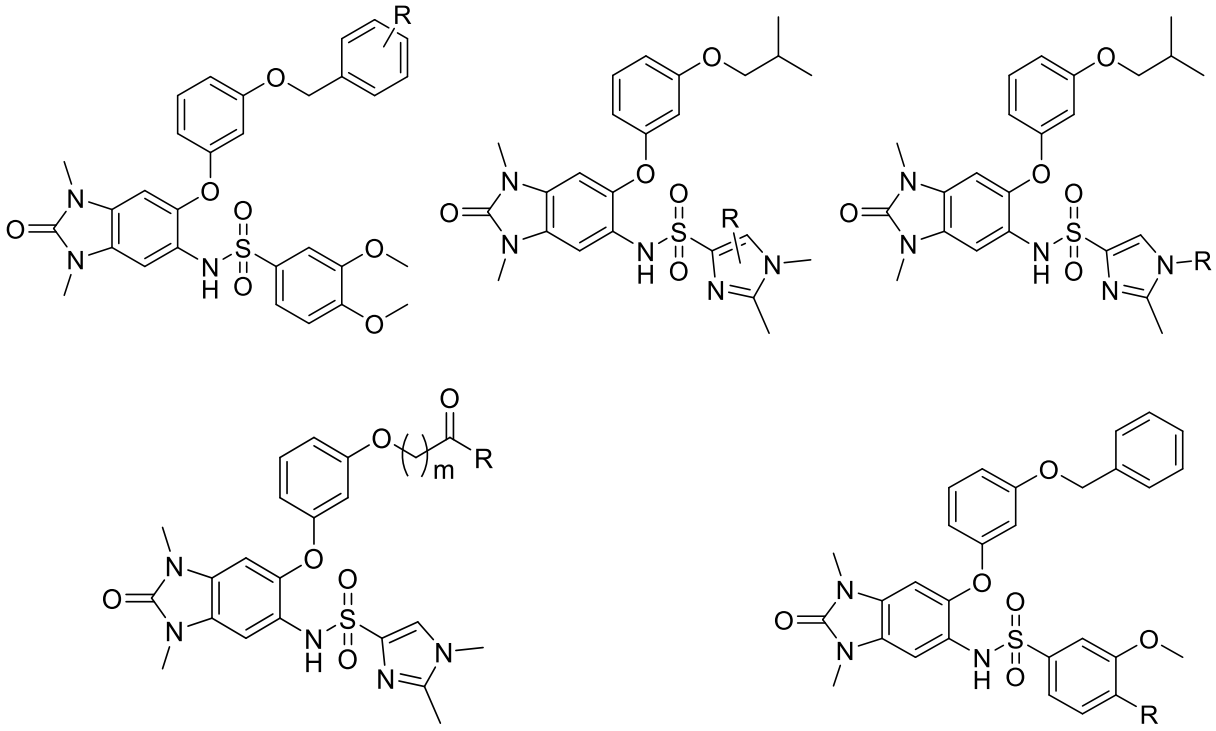

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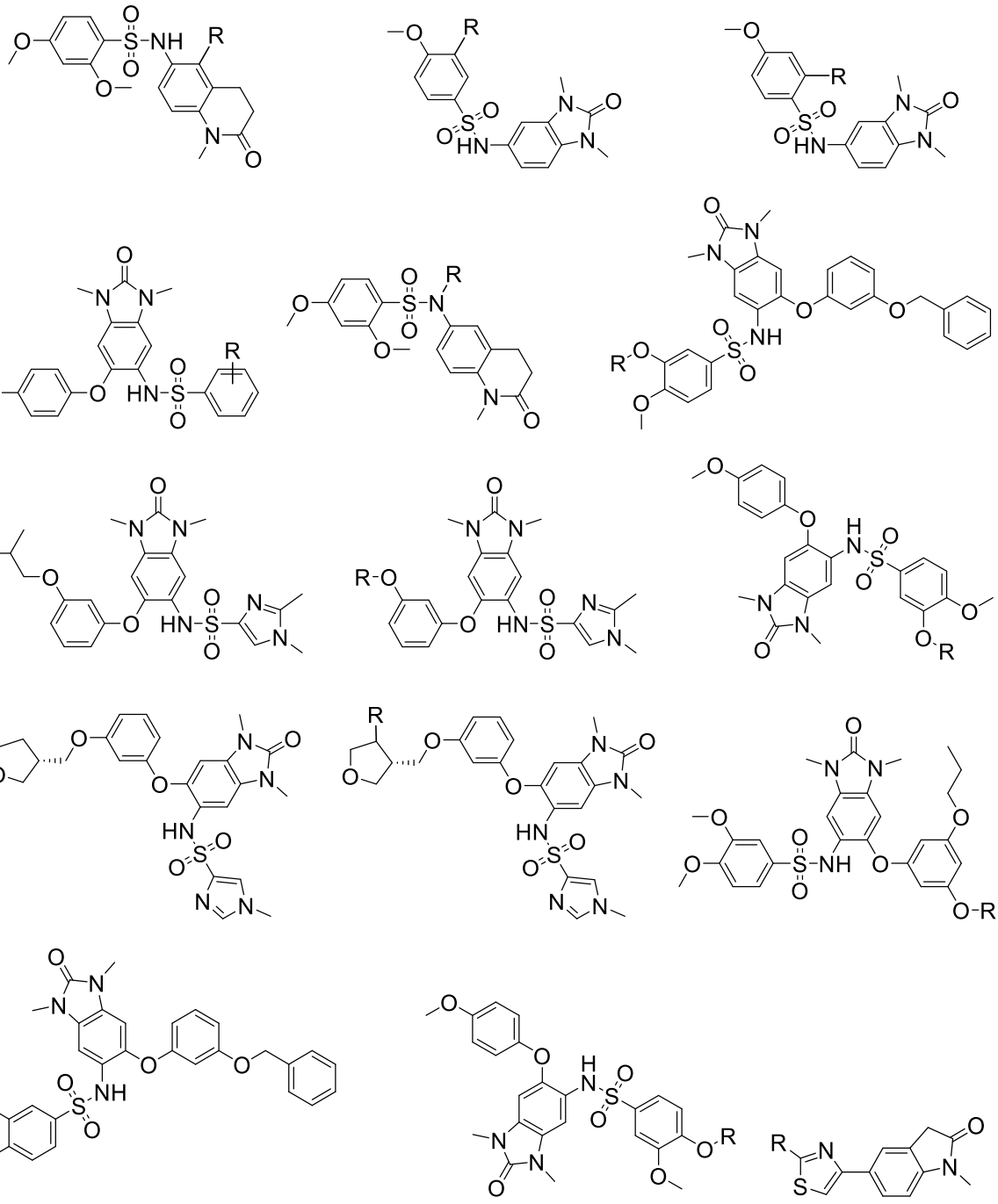

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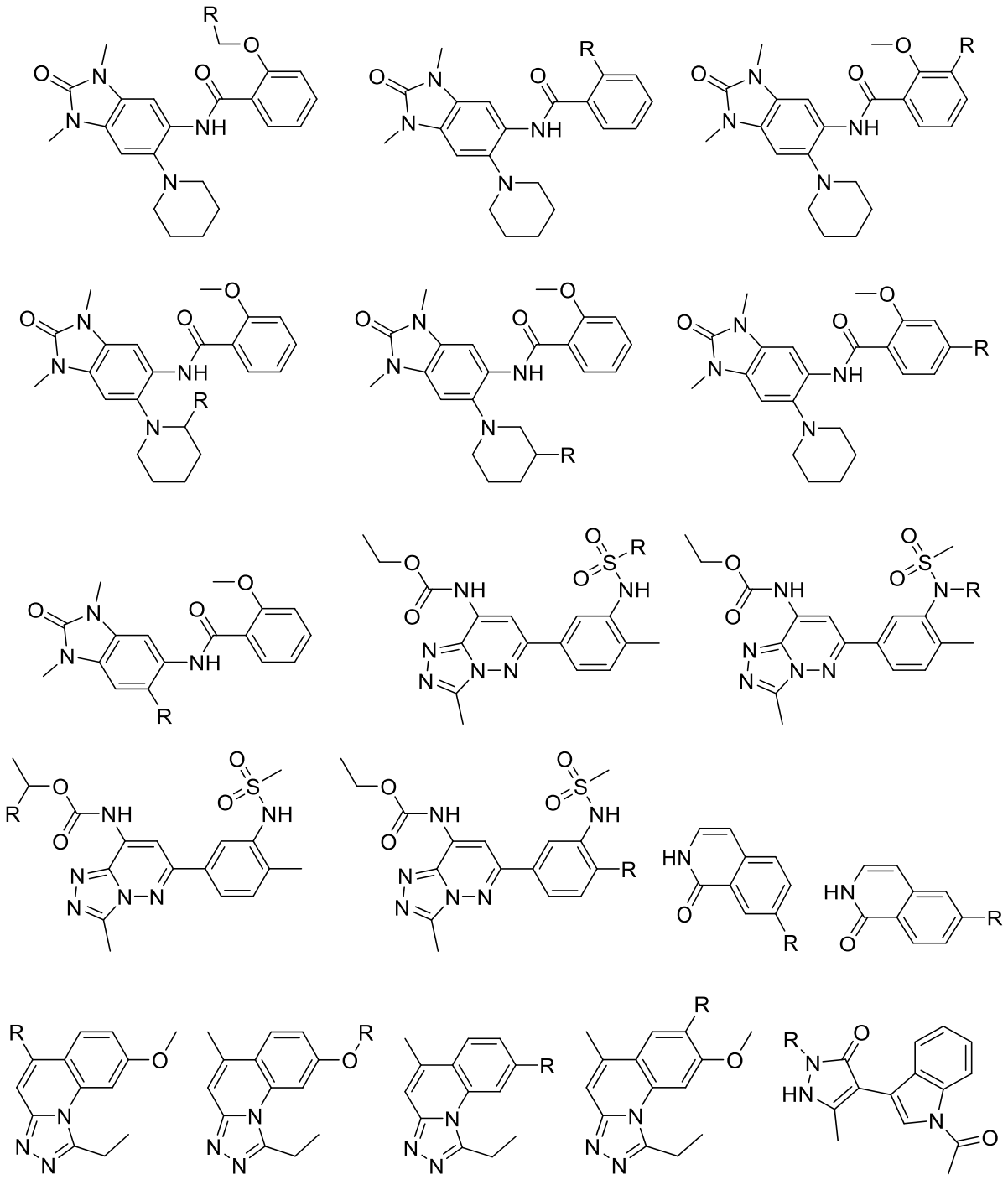

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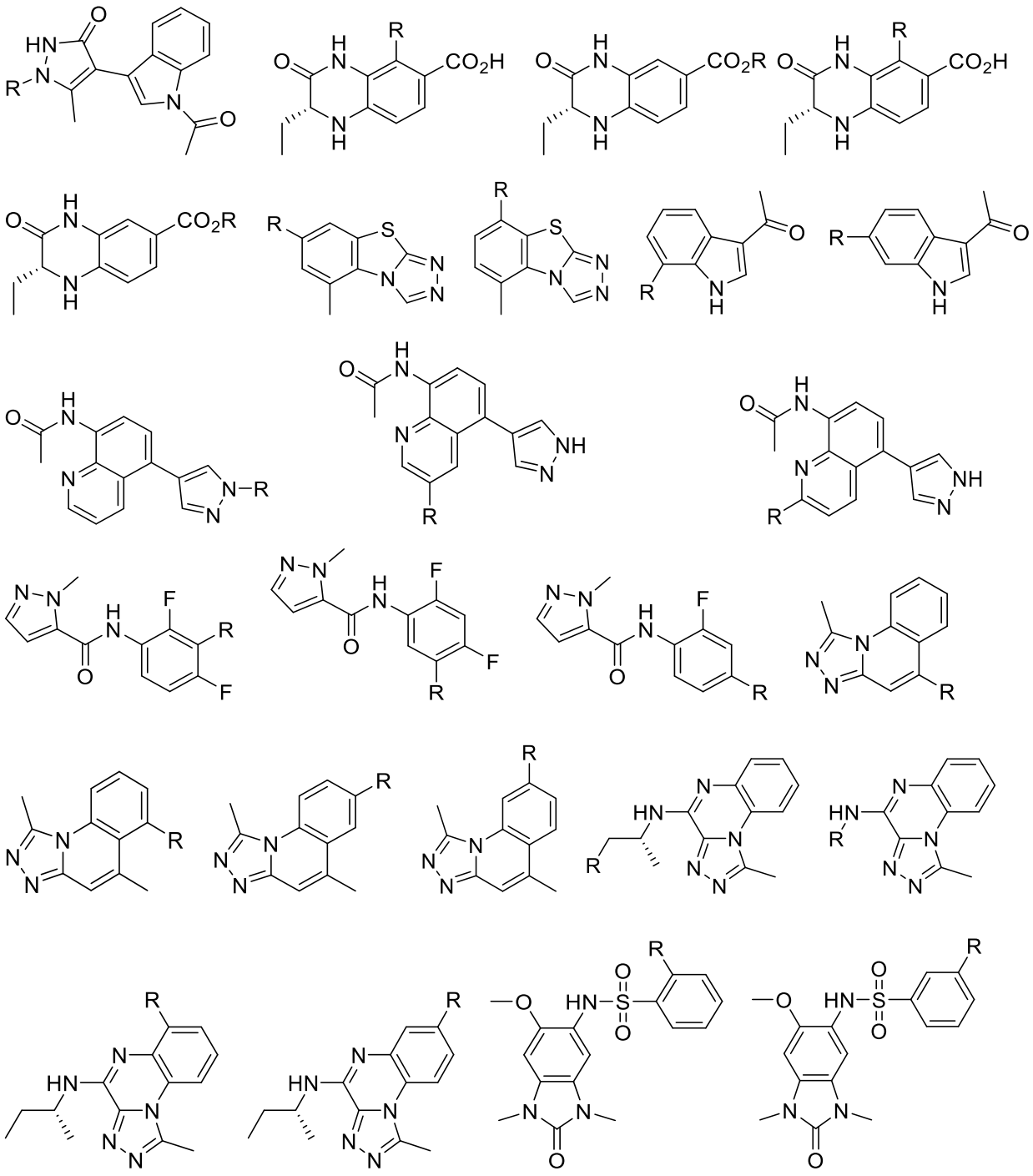

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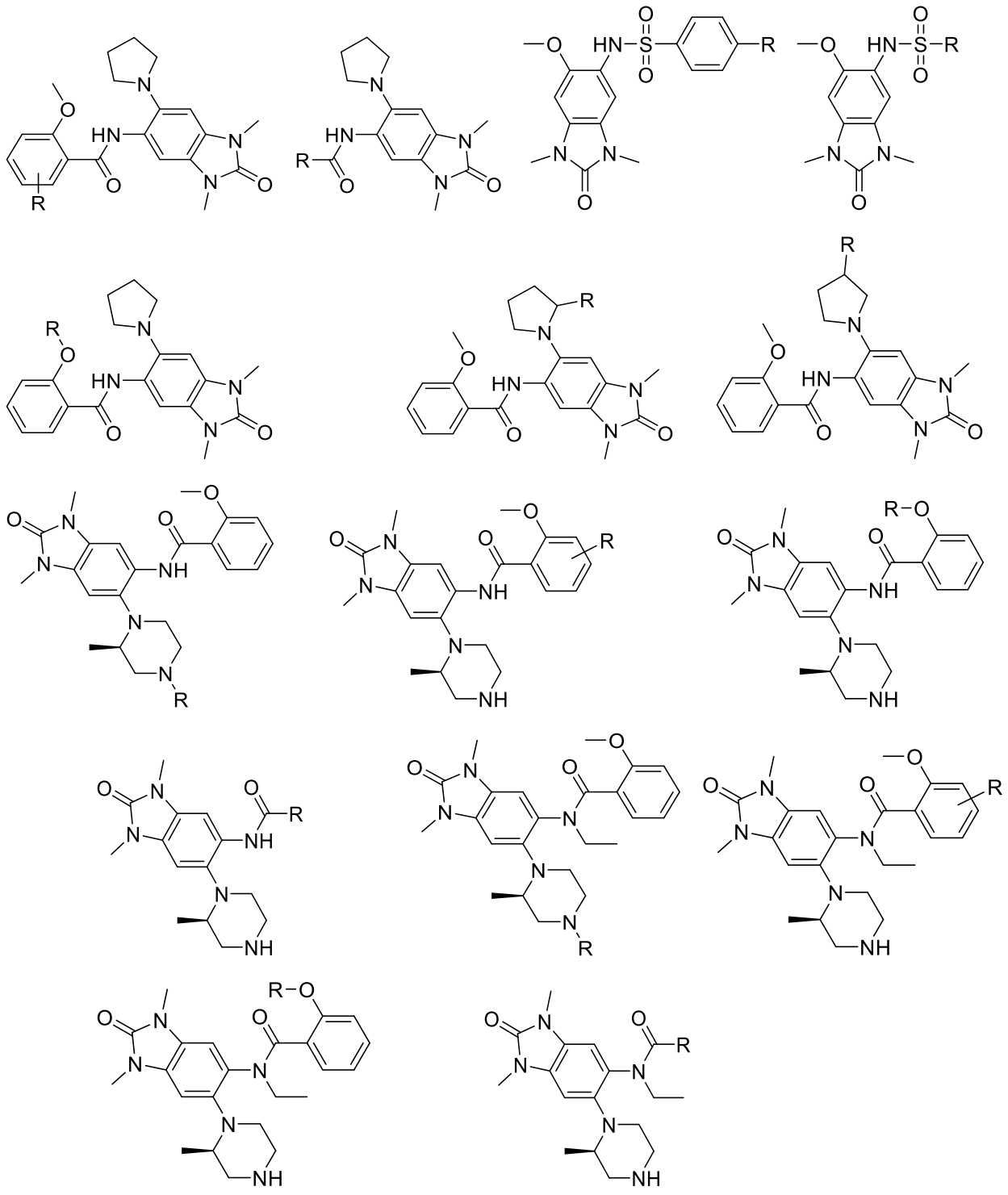

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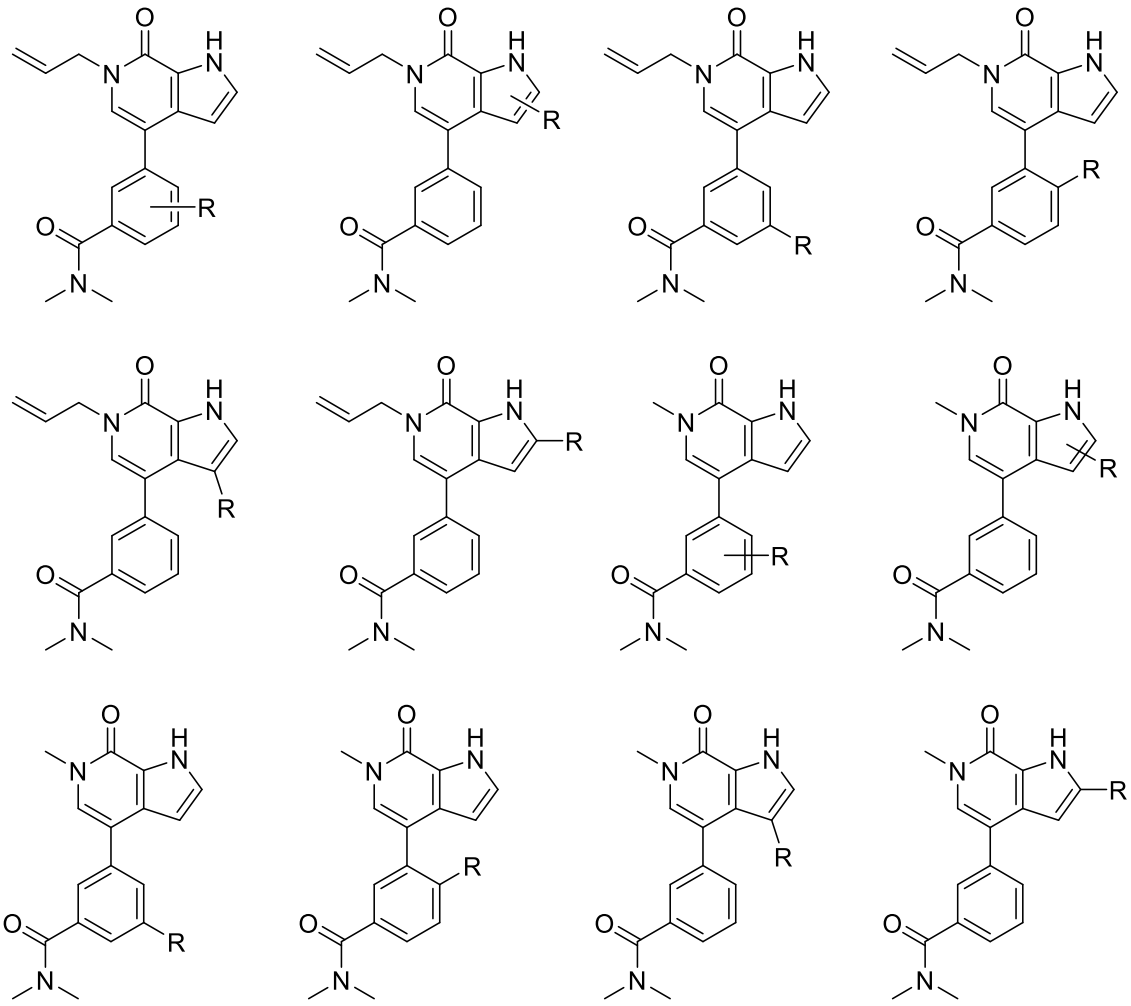

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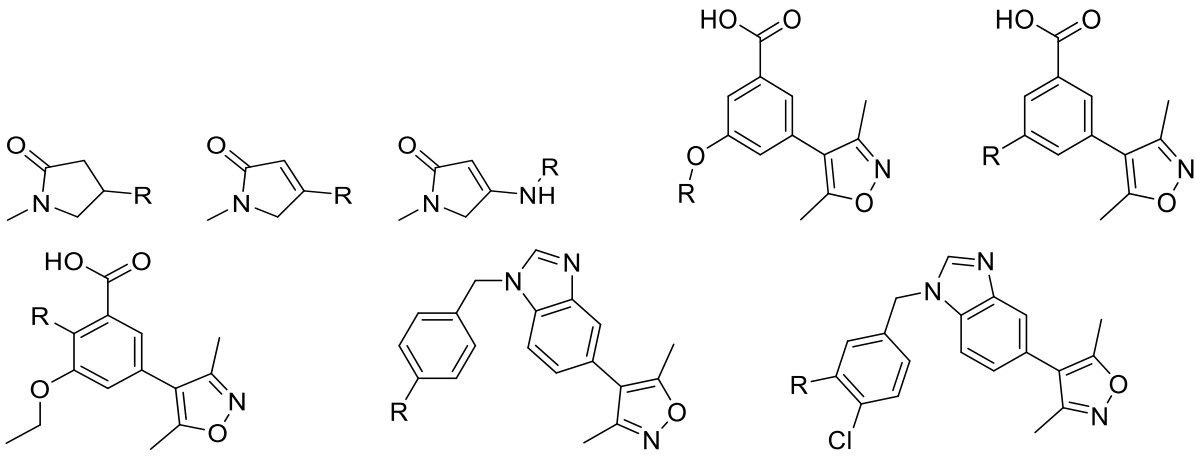

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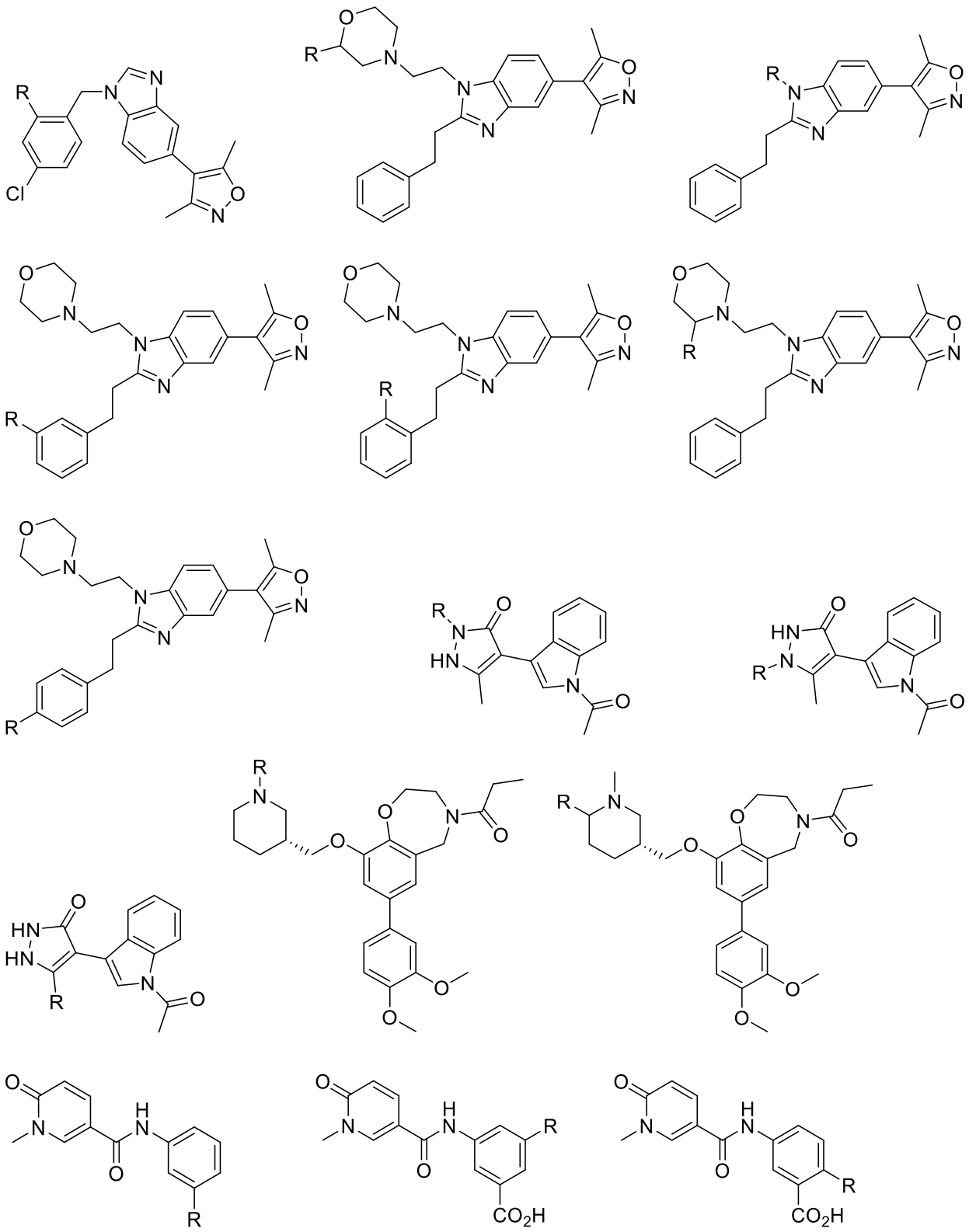

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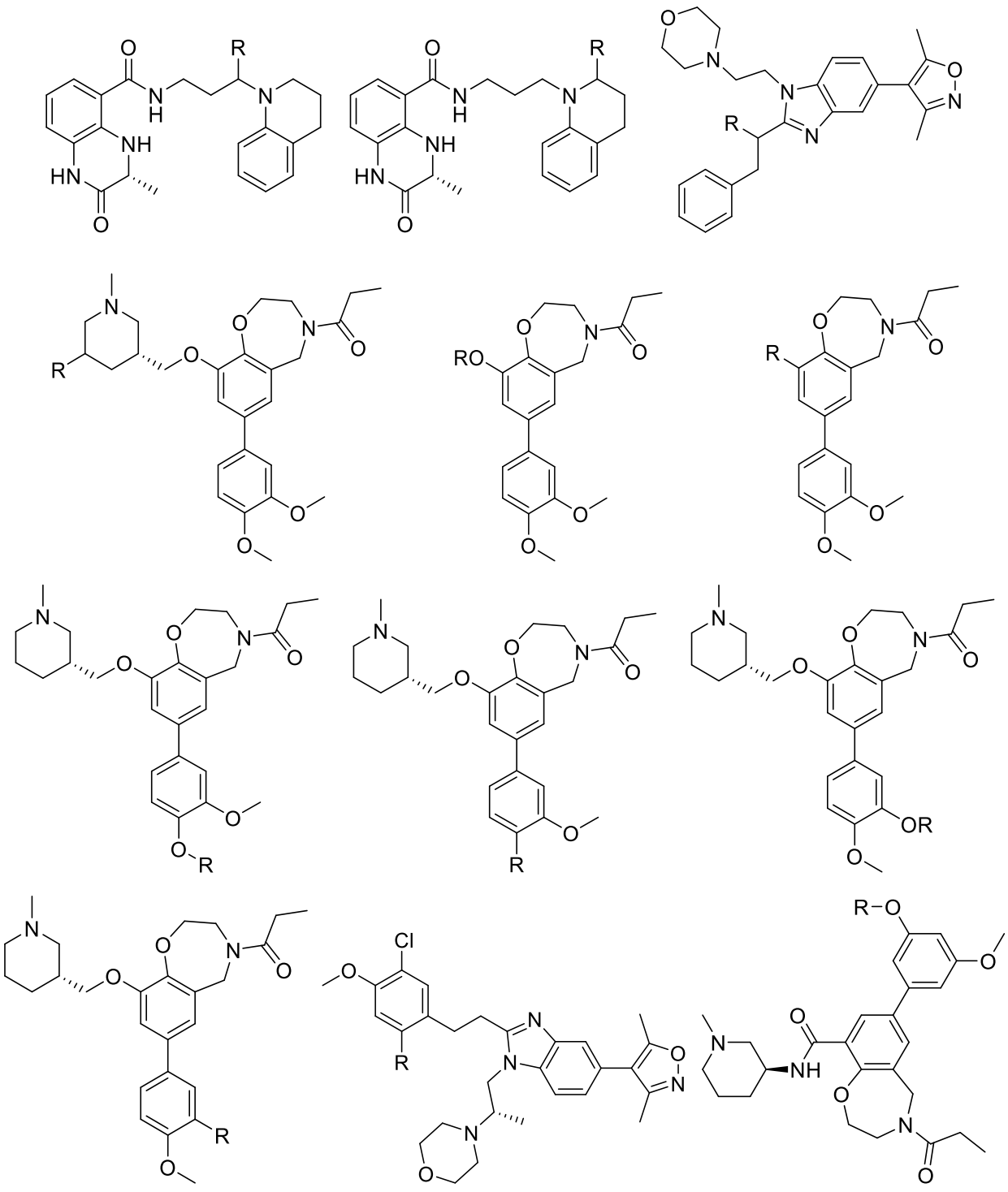

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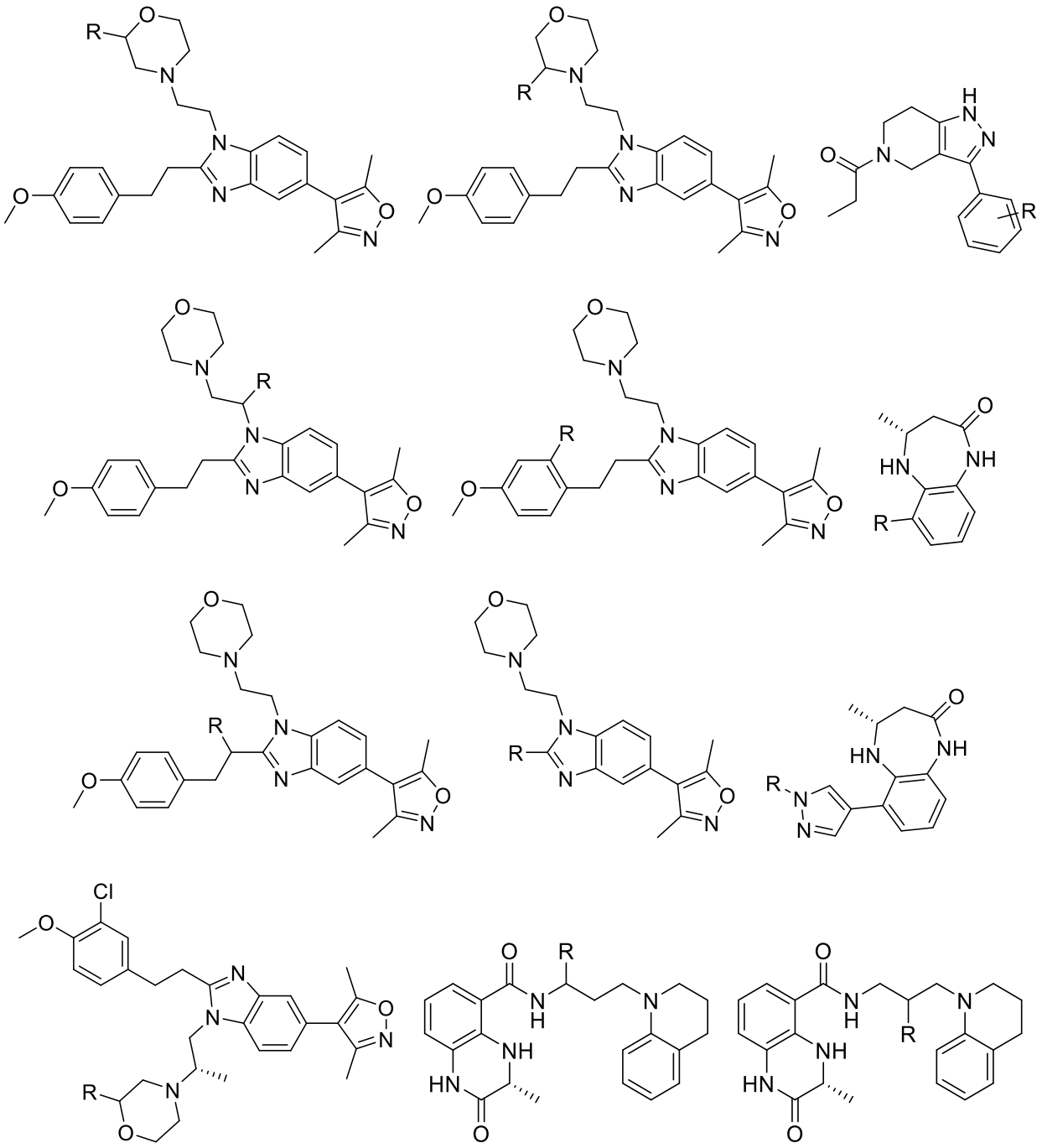

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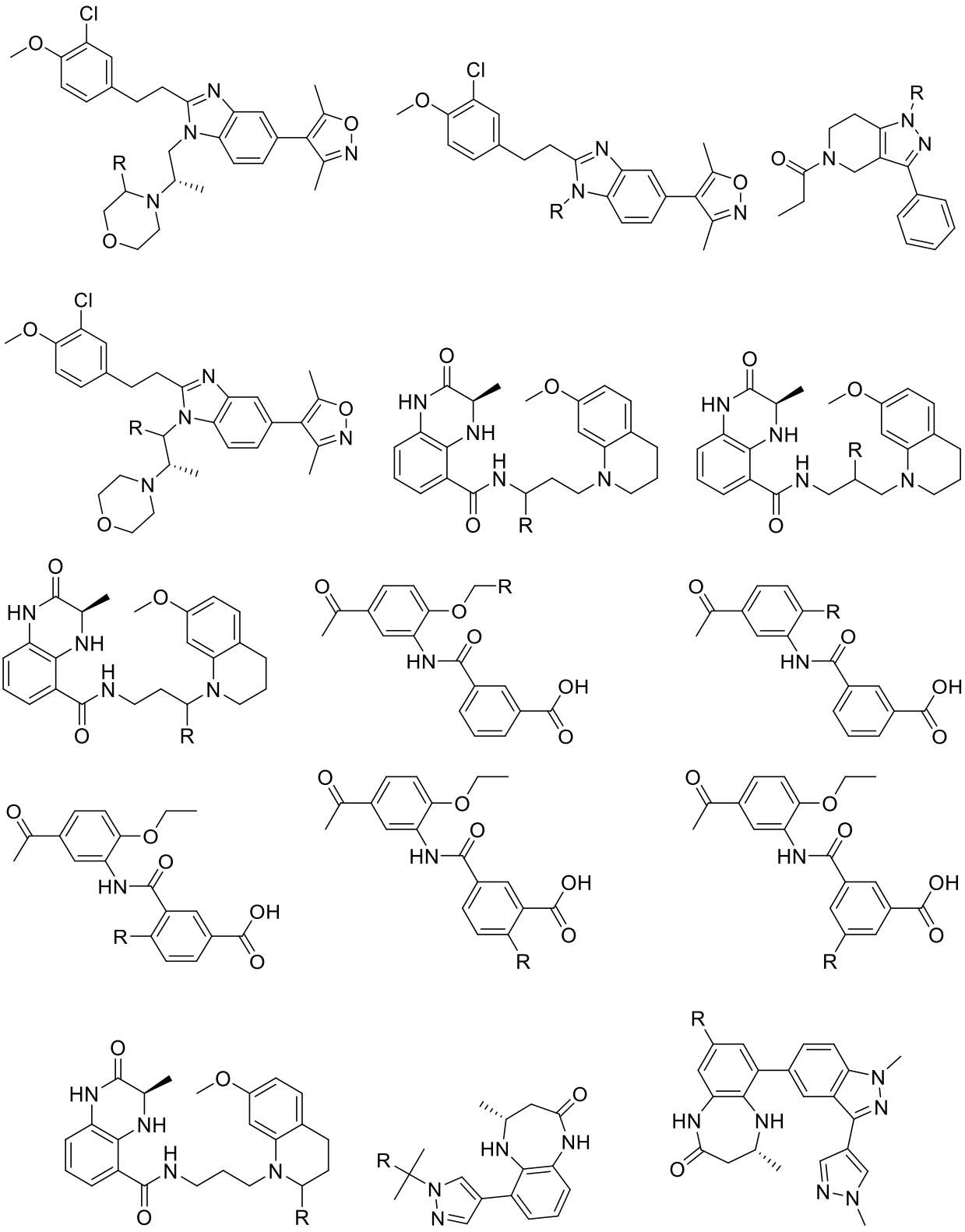

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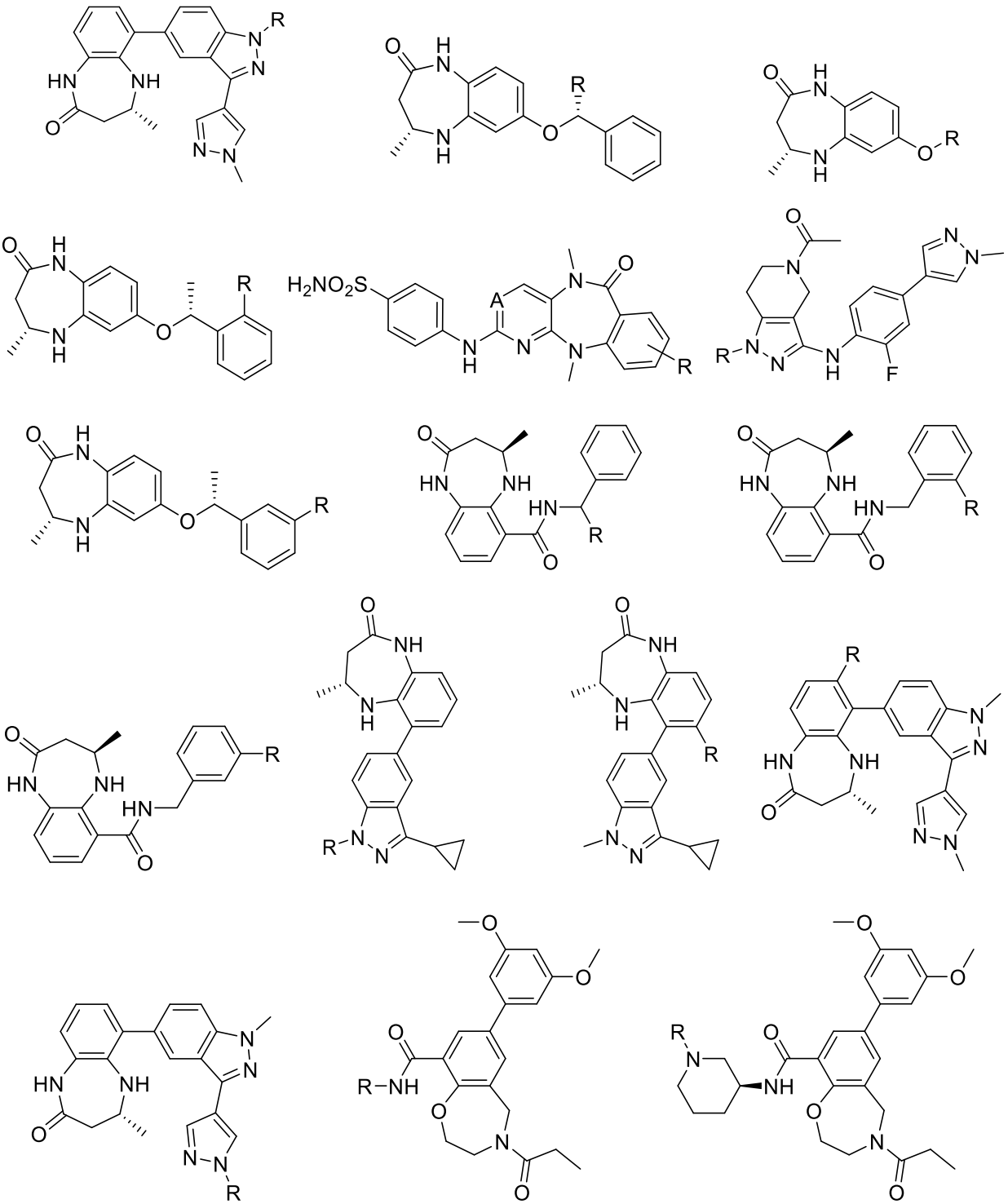

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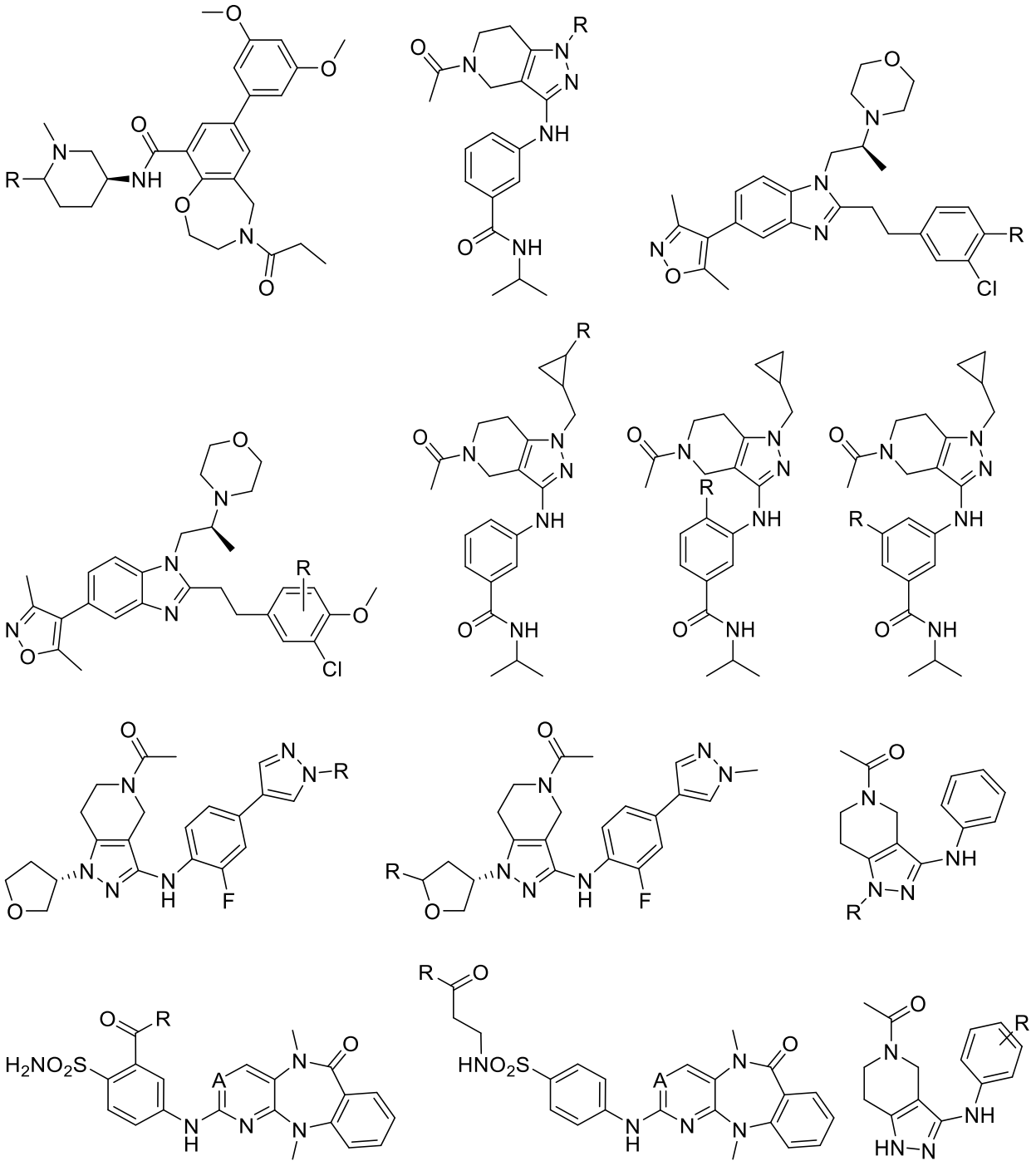

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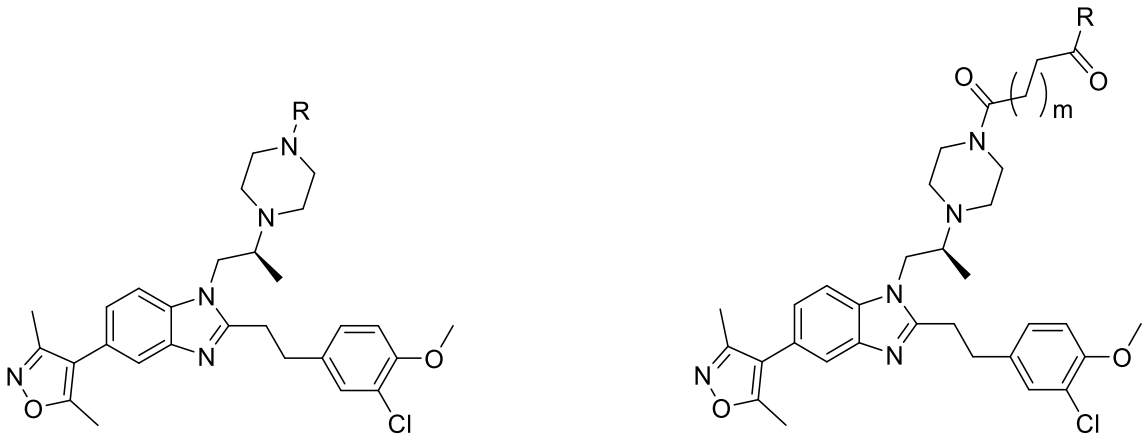

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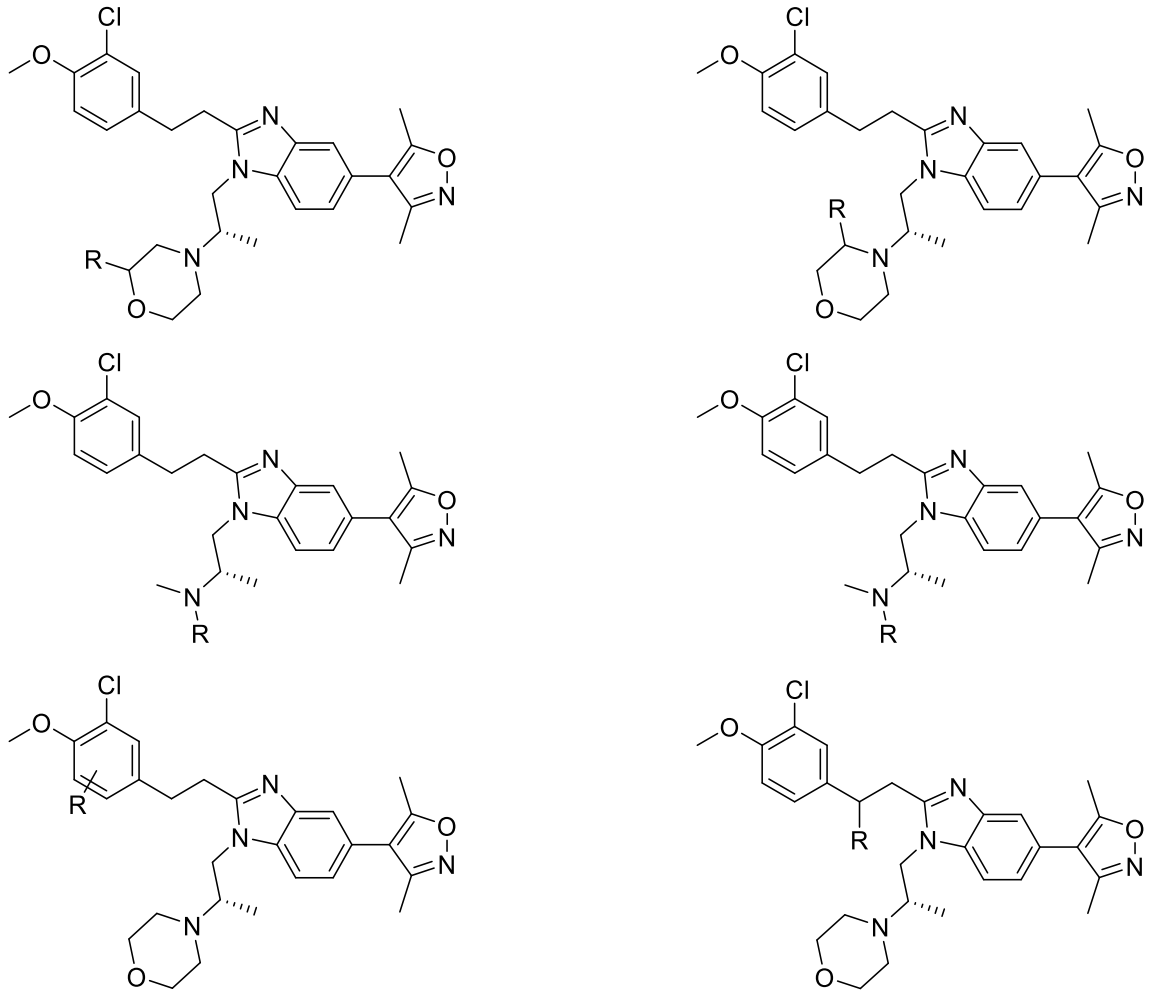

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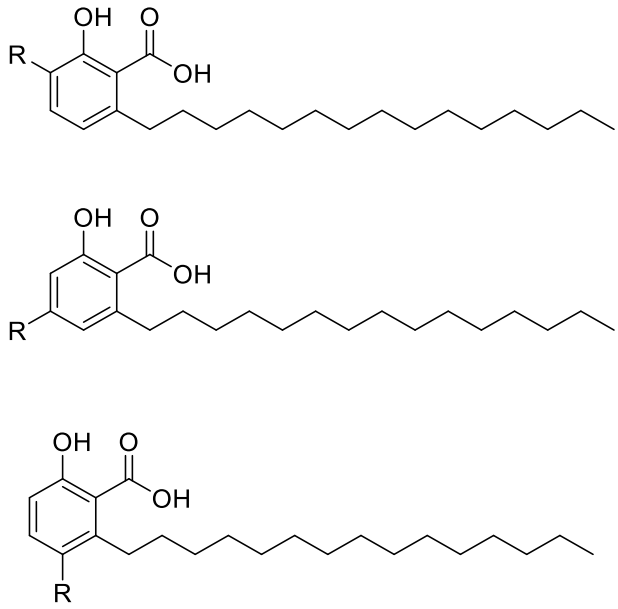

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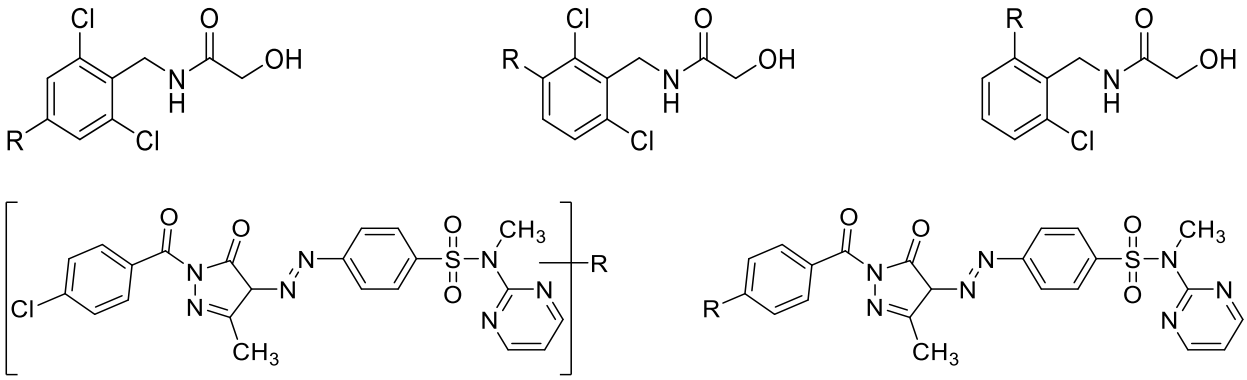

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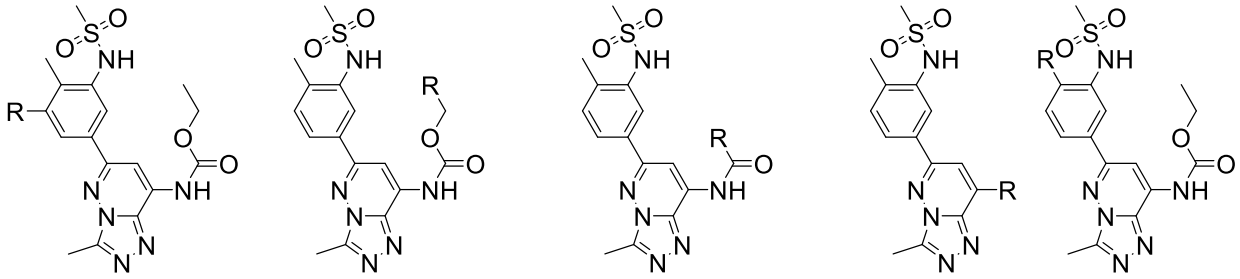

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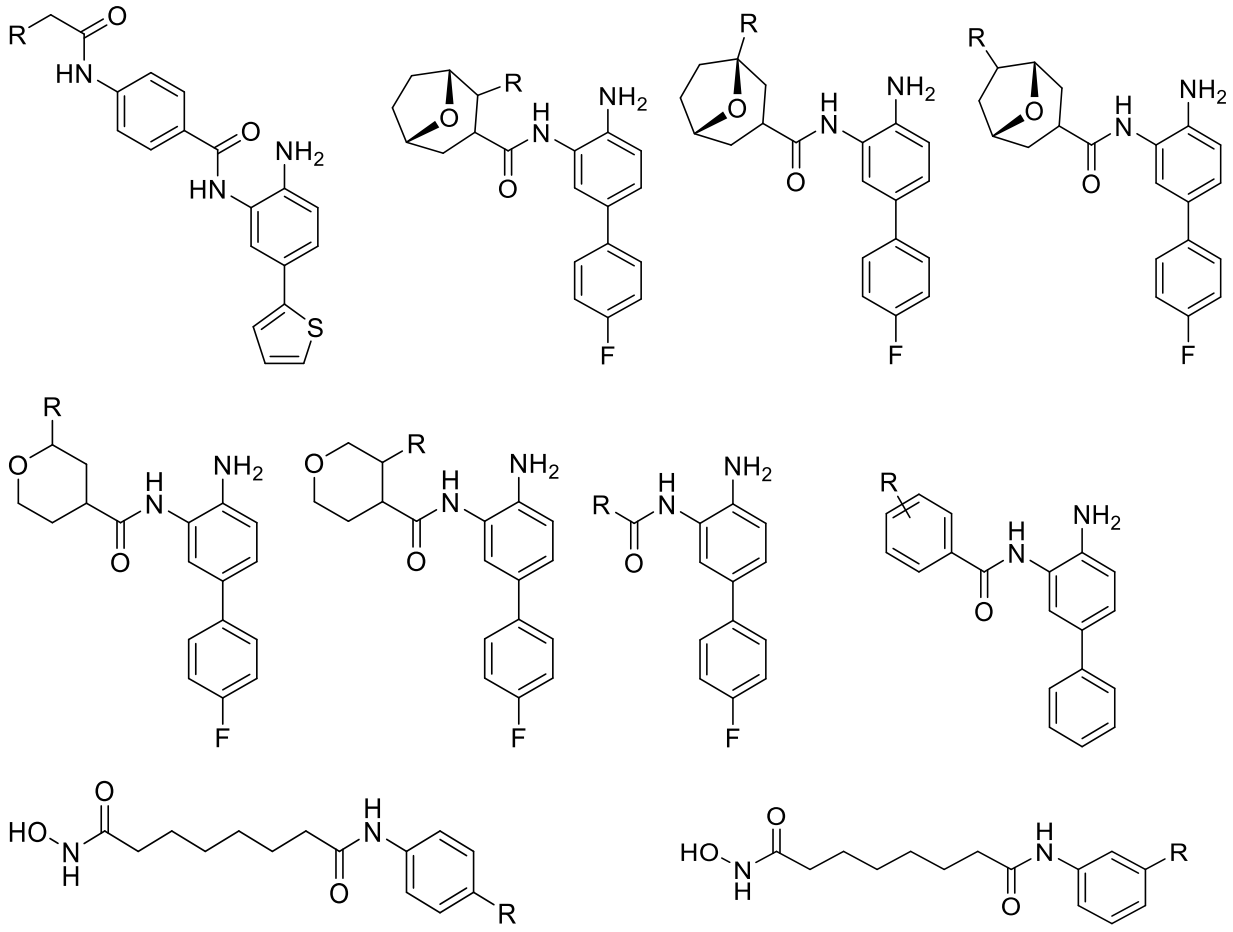

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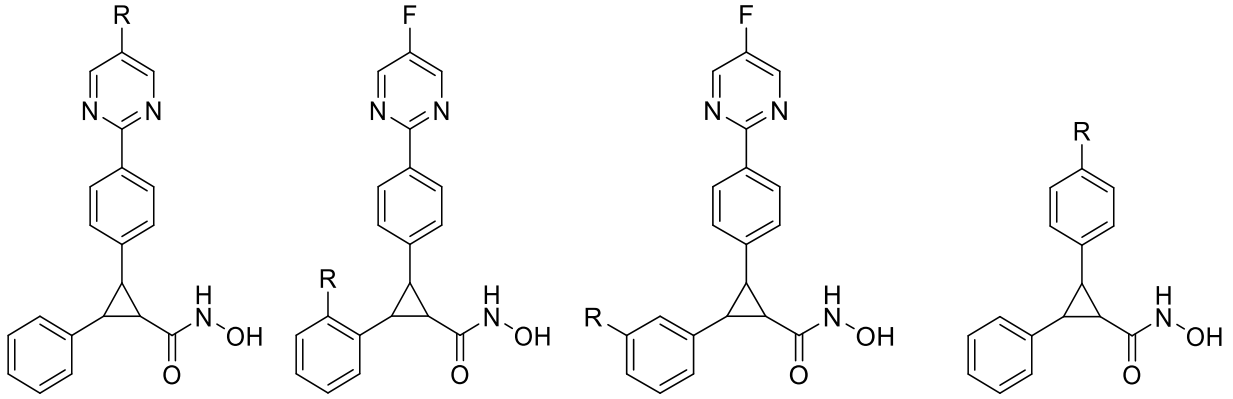
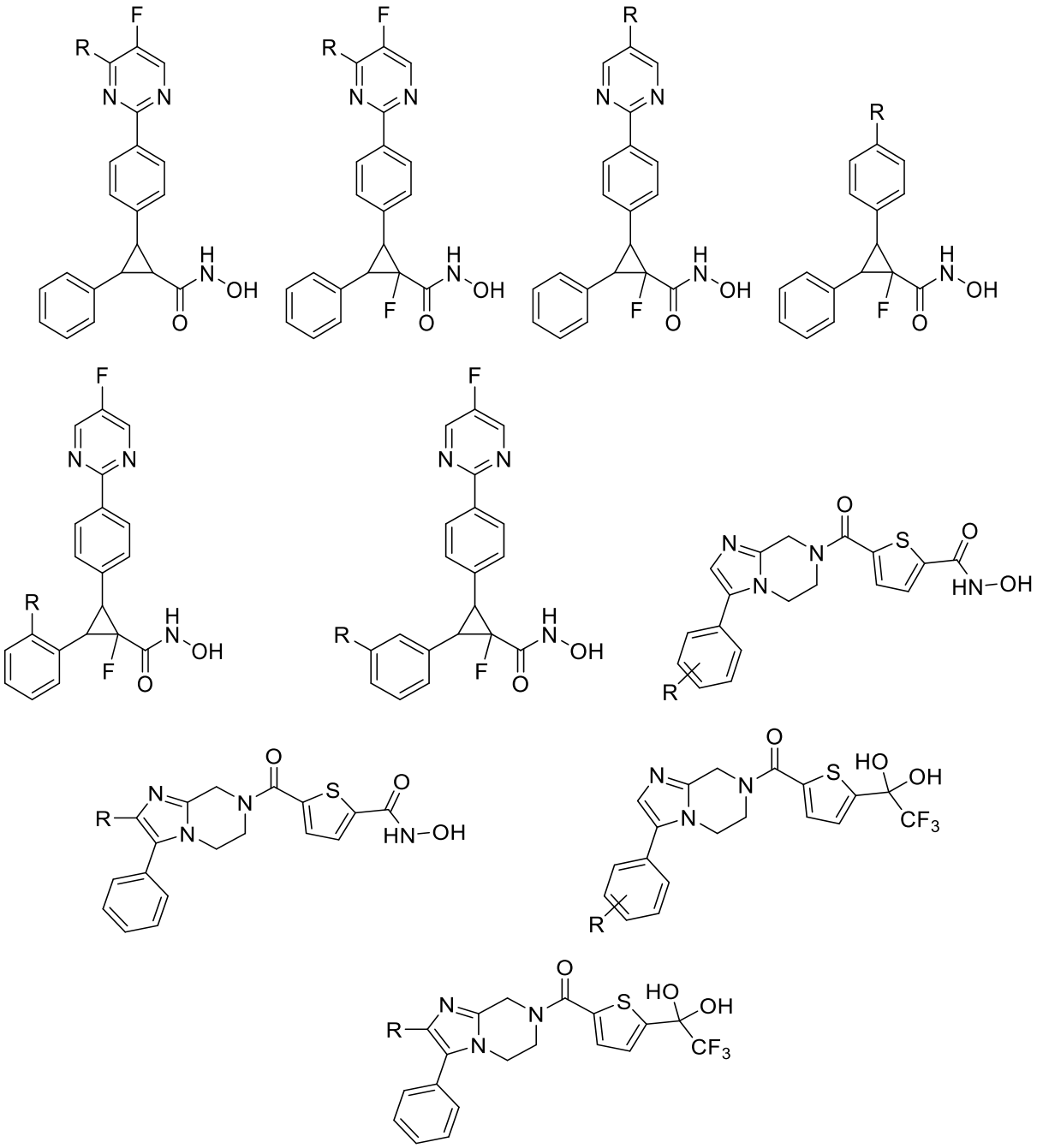


FIG. 3VVVV



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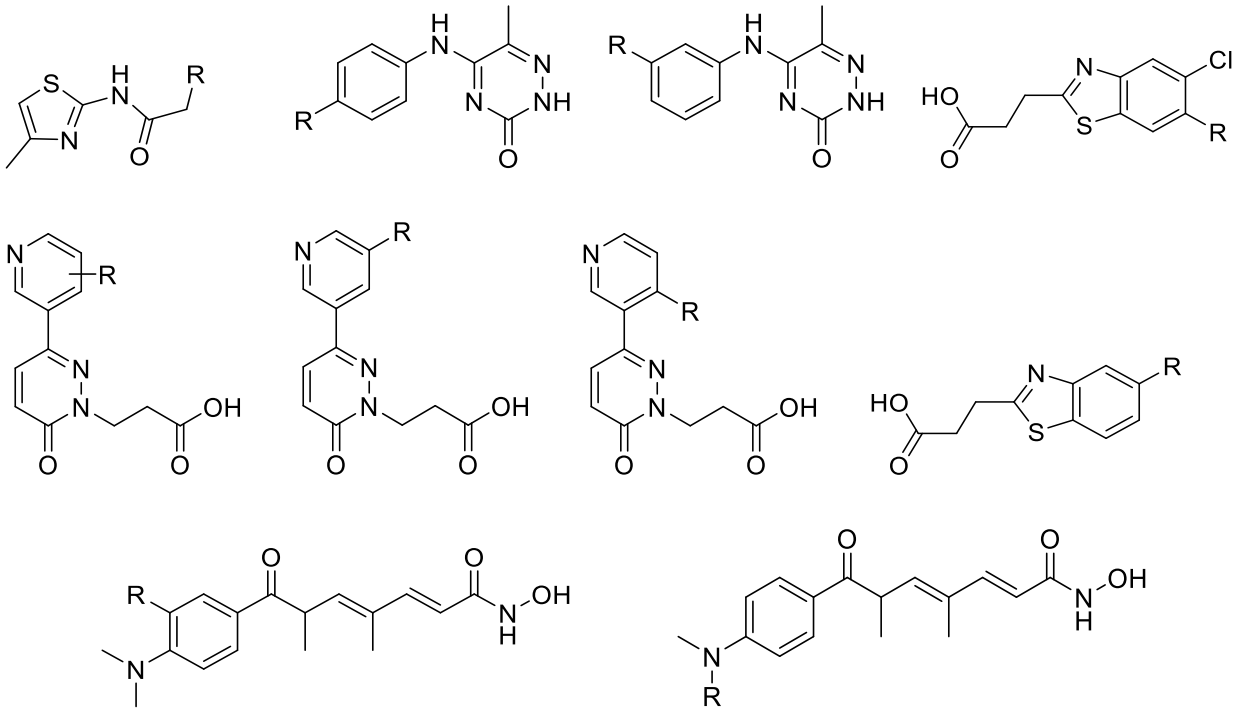
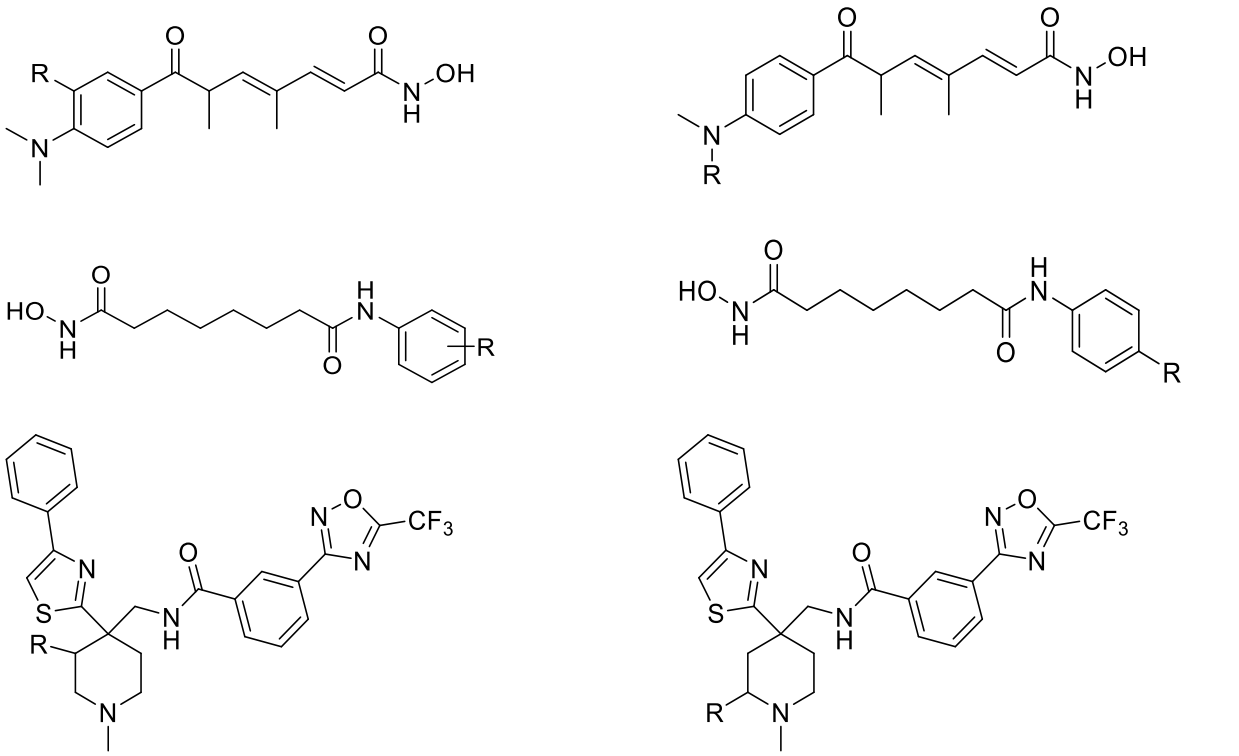


FIG. 3XXXX



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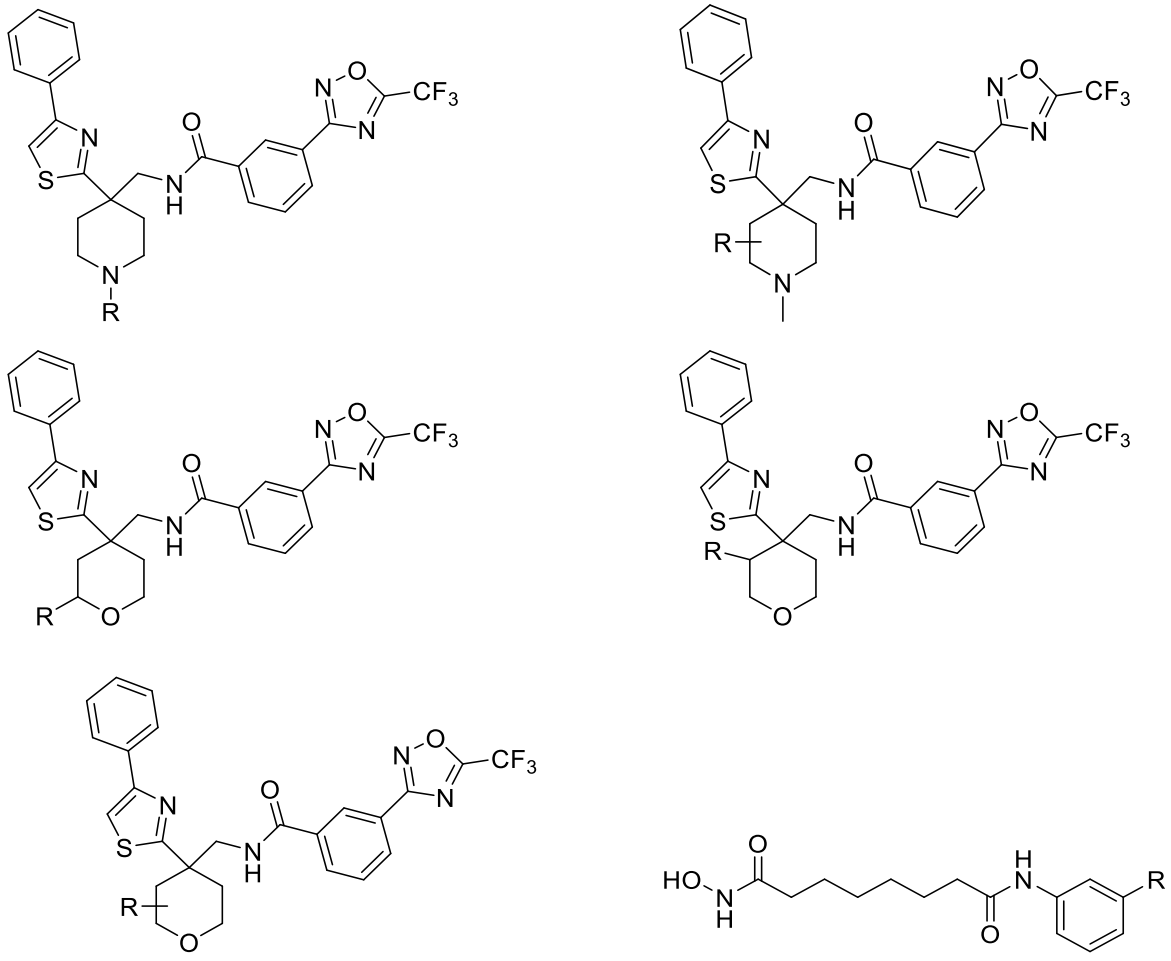

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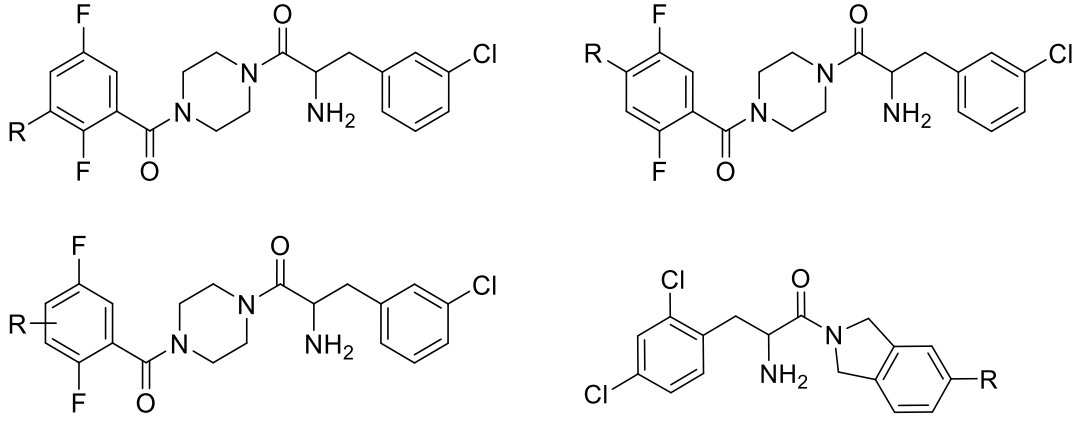

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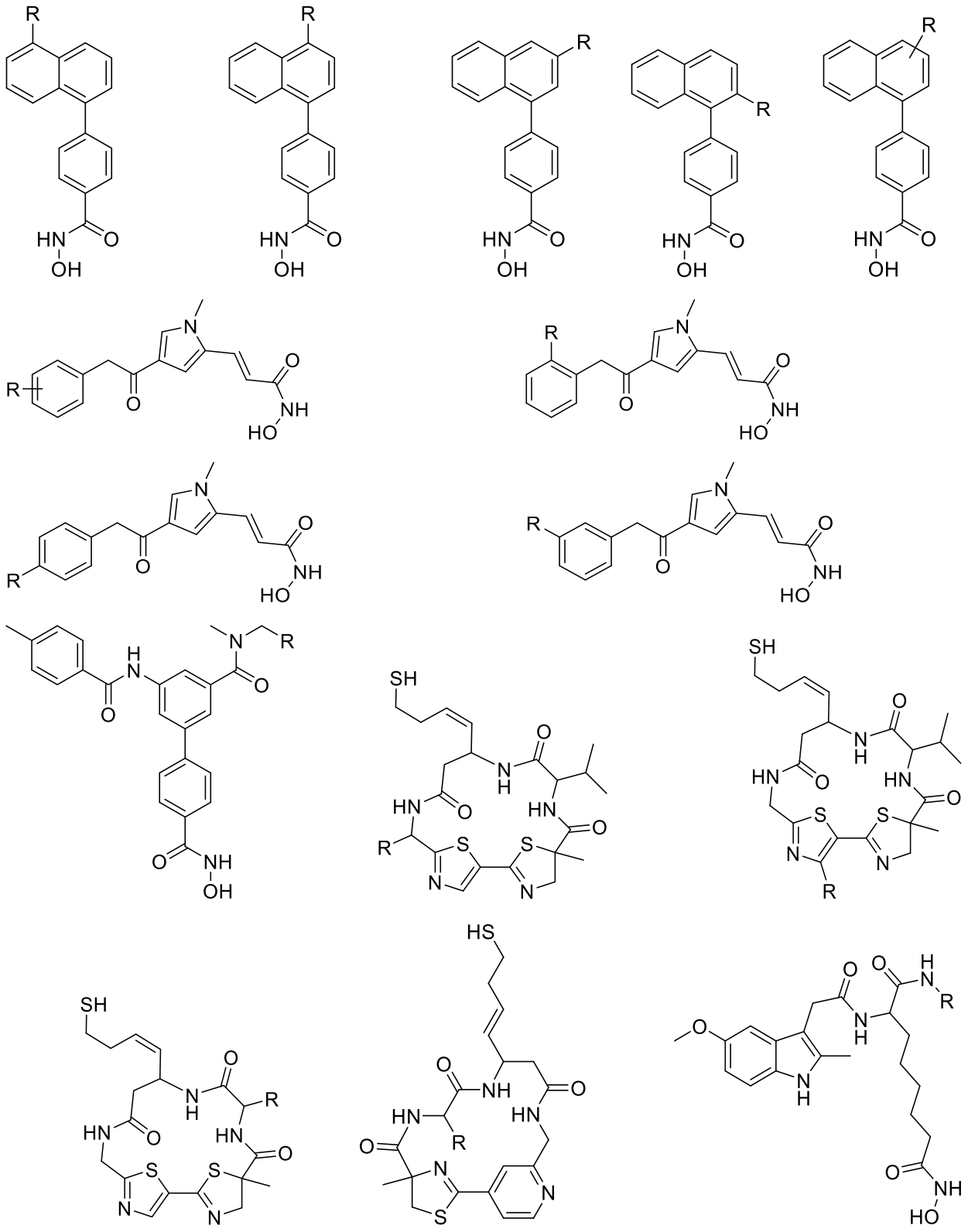

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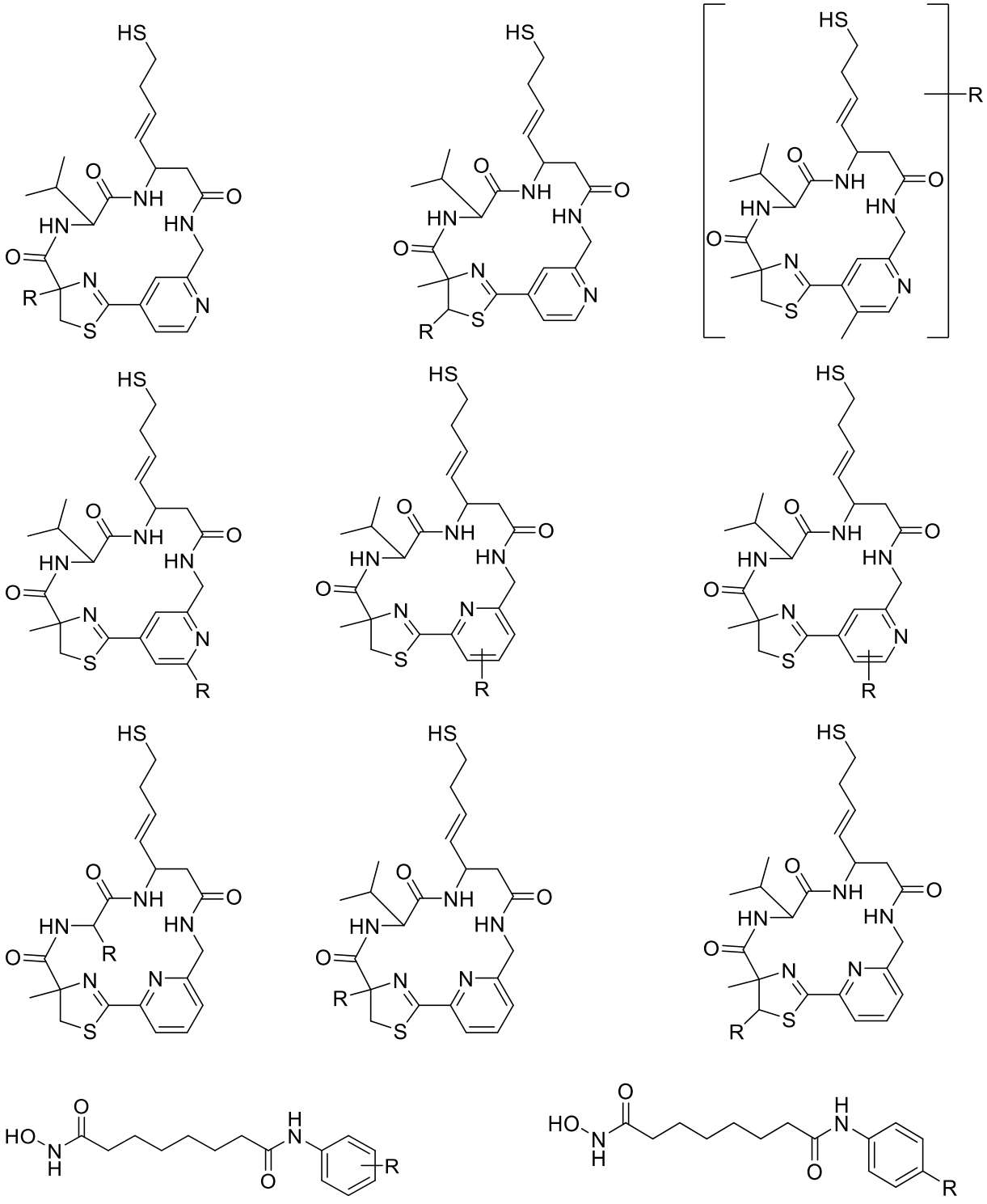

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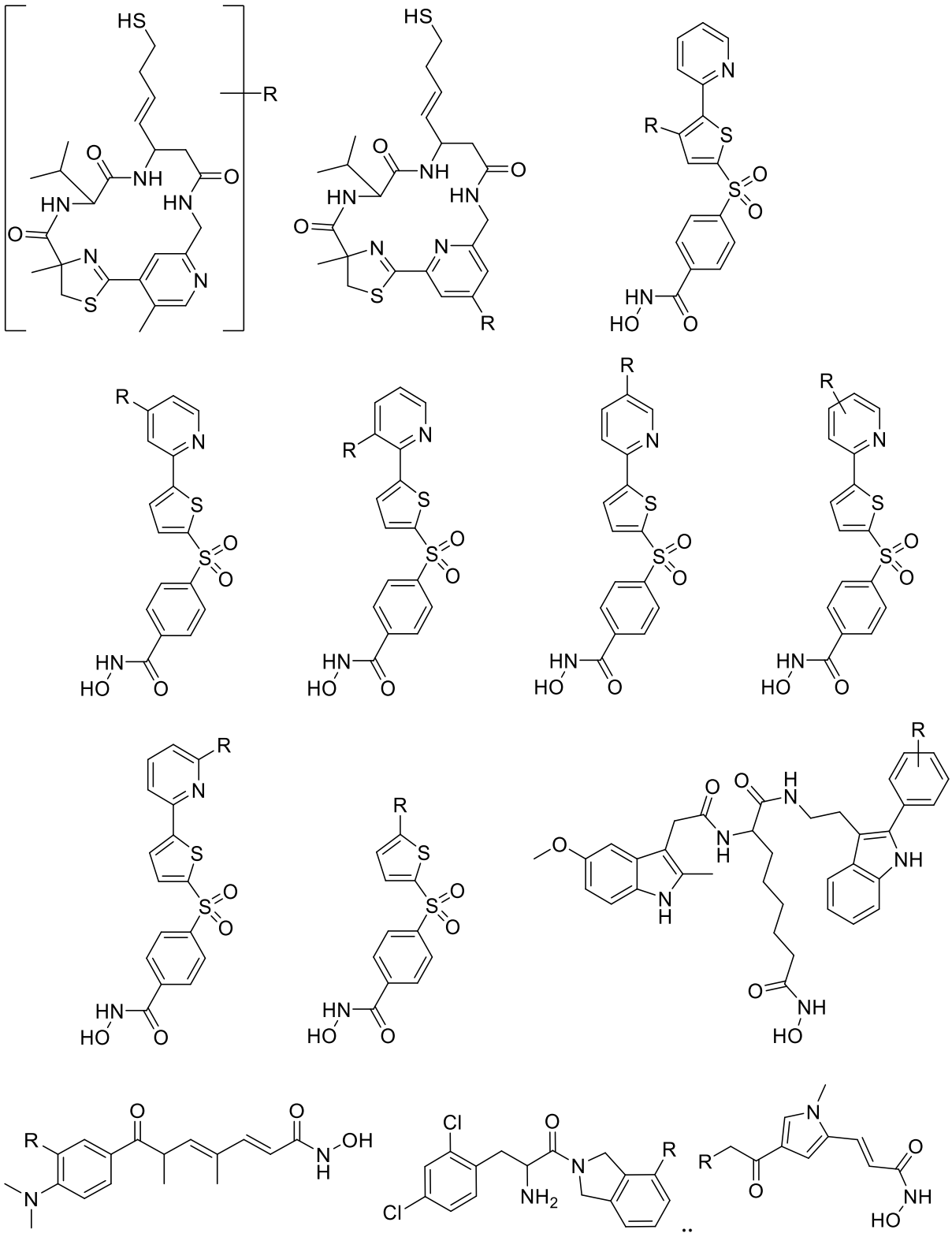

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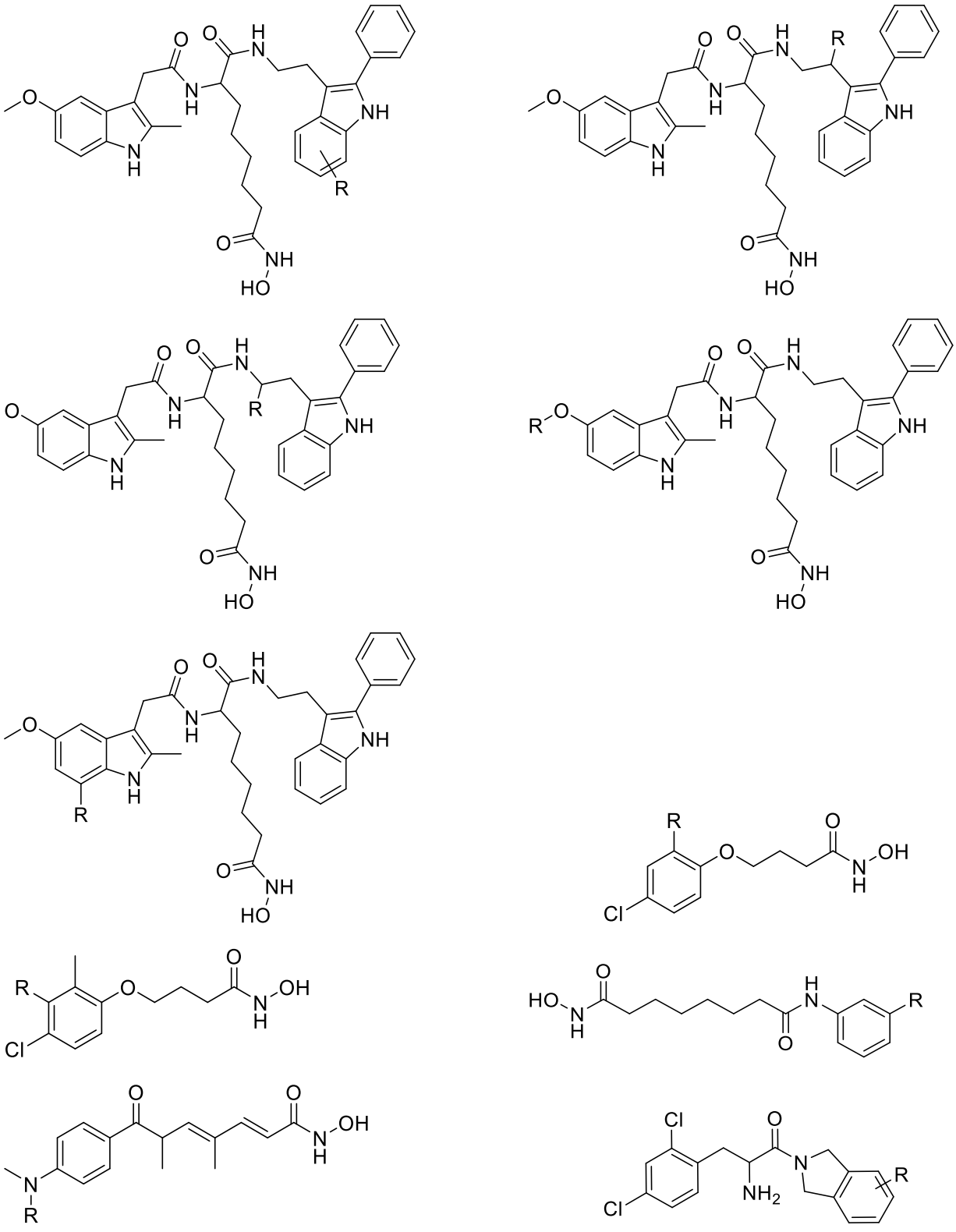

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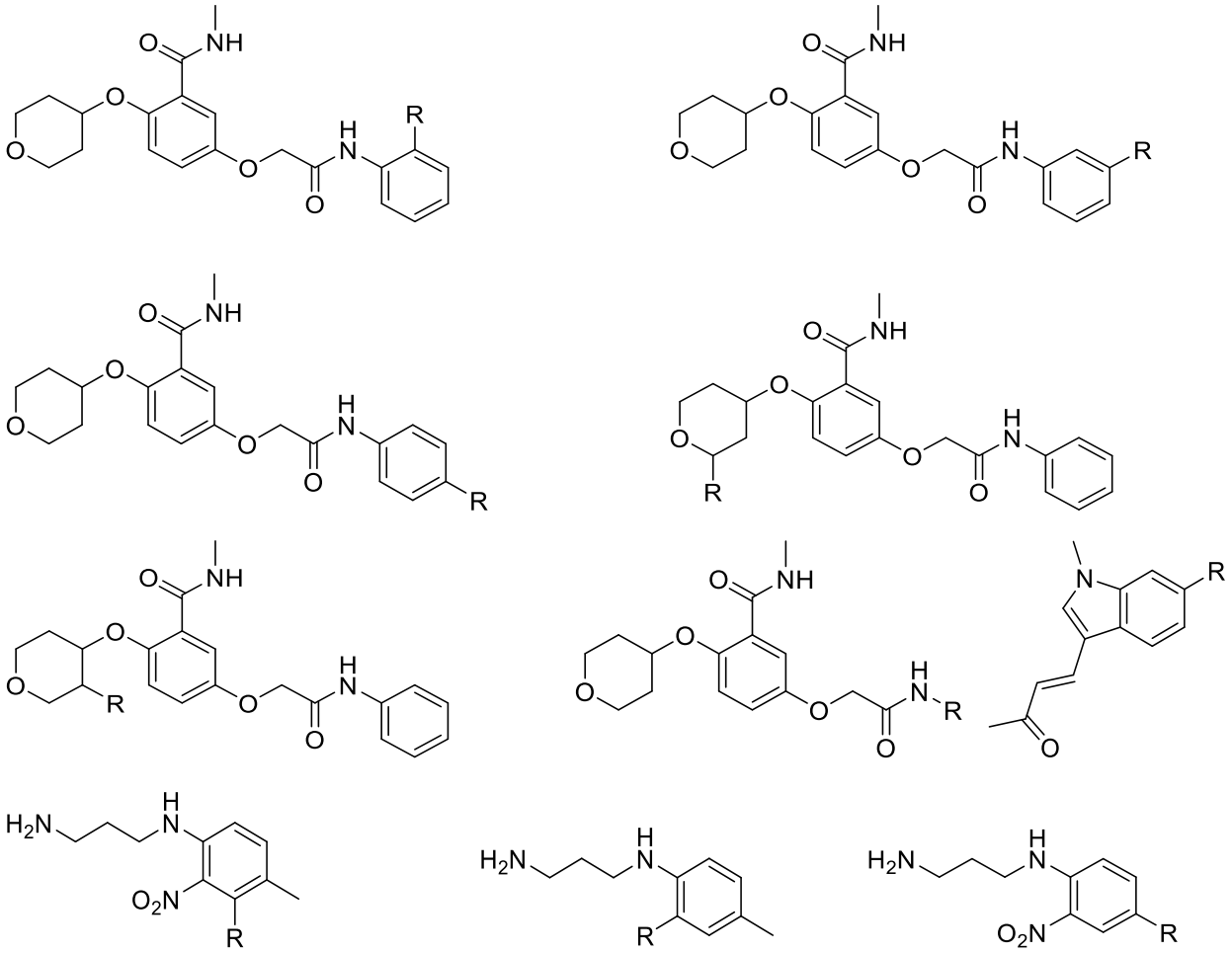

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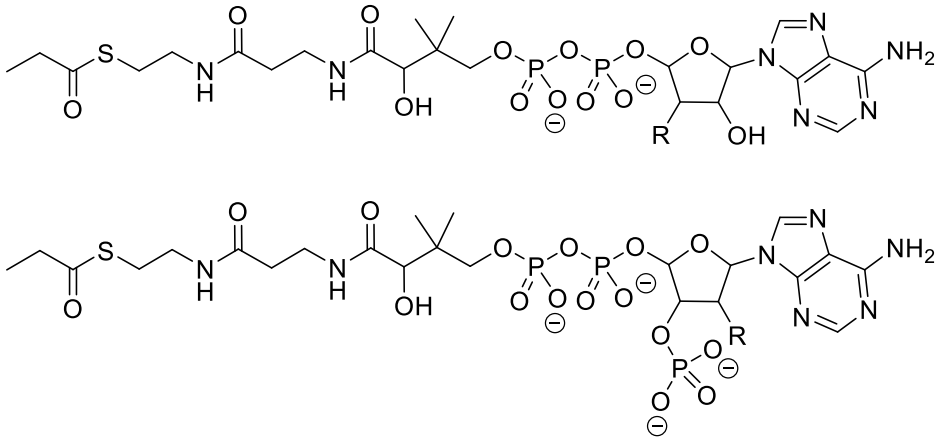

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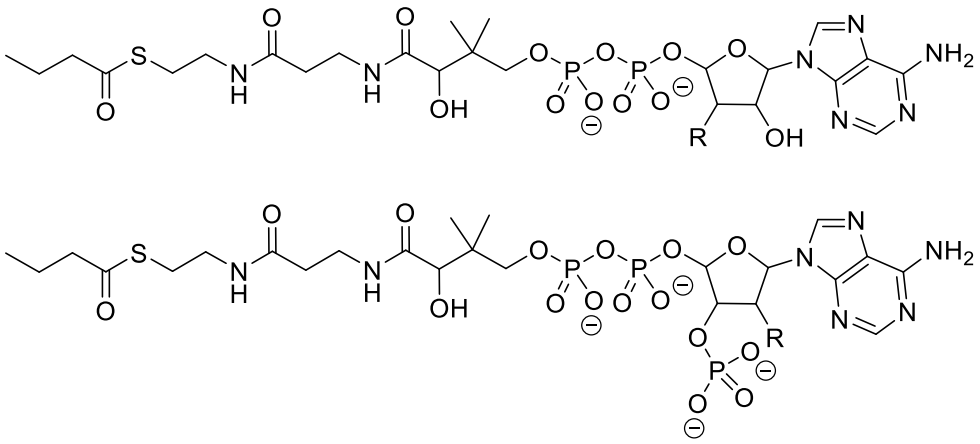

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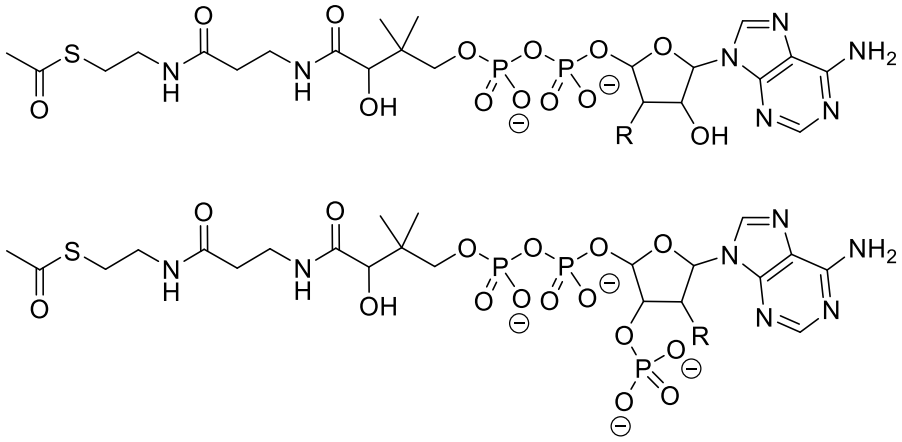

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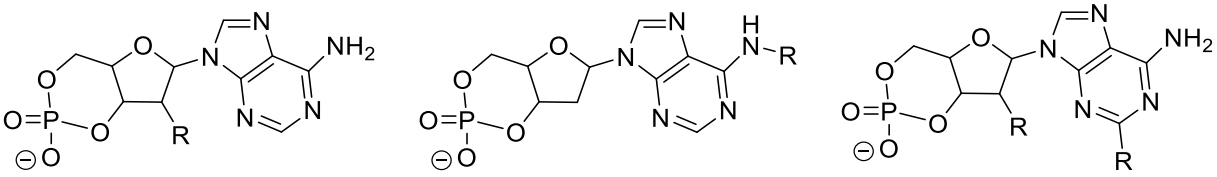

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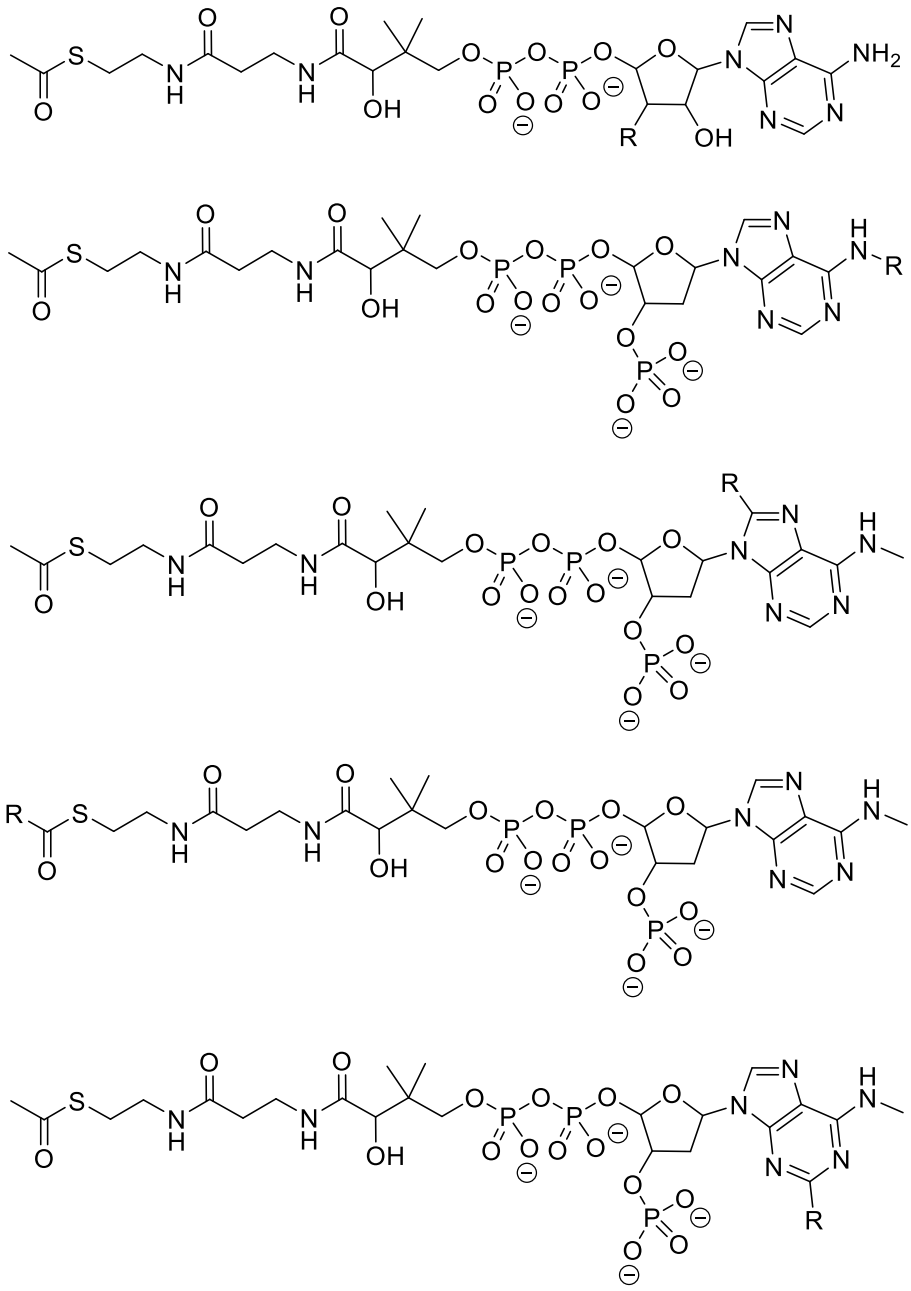

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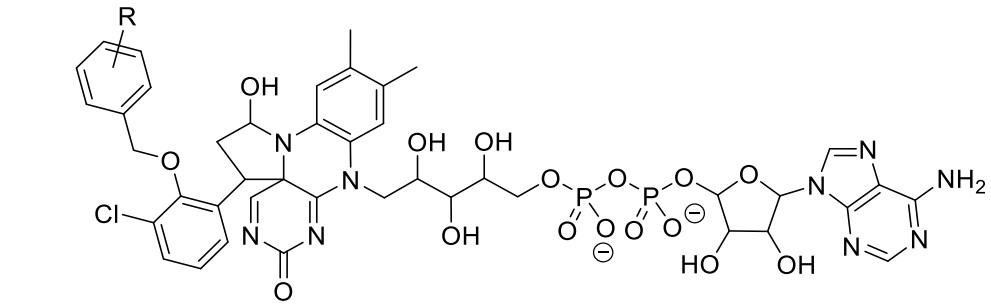

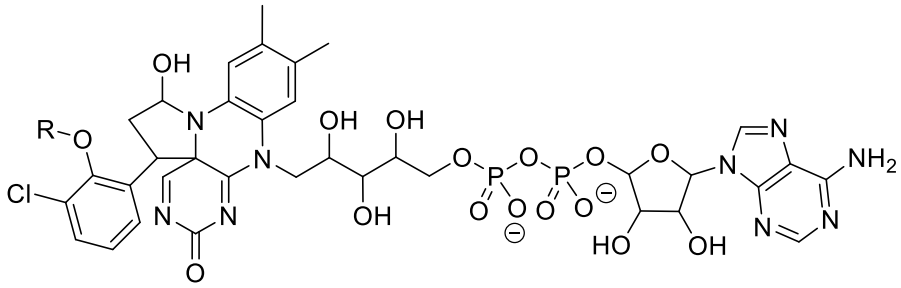

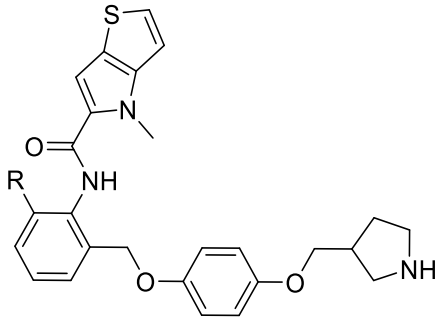

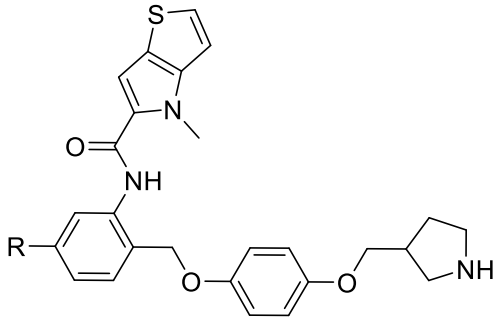

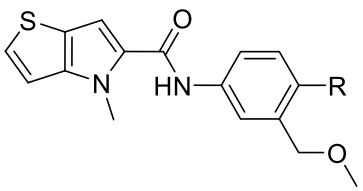

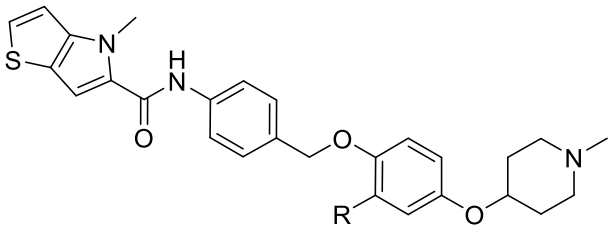

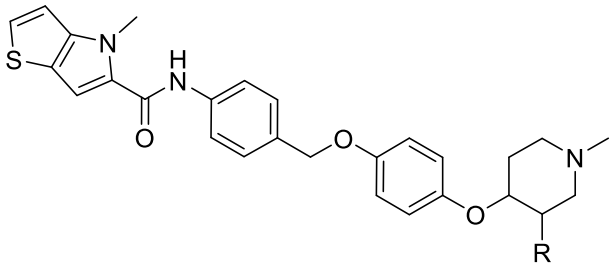

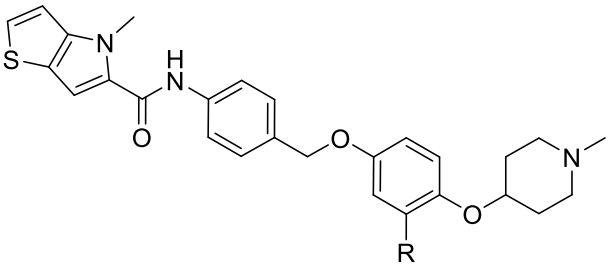

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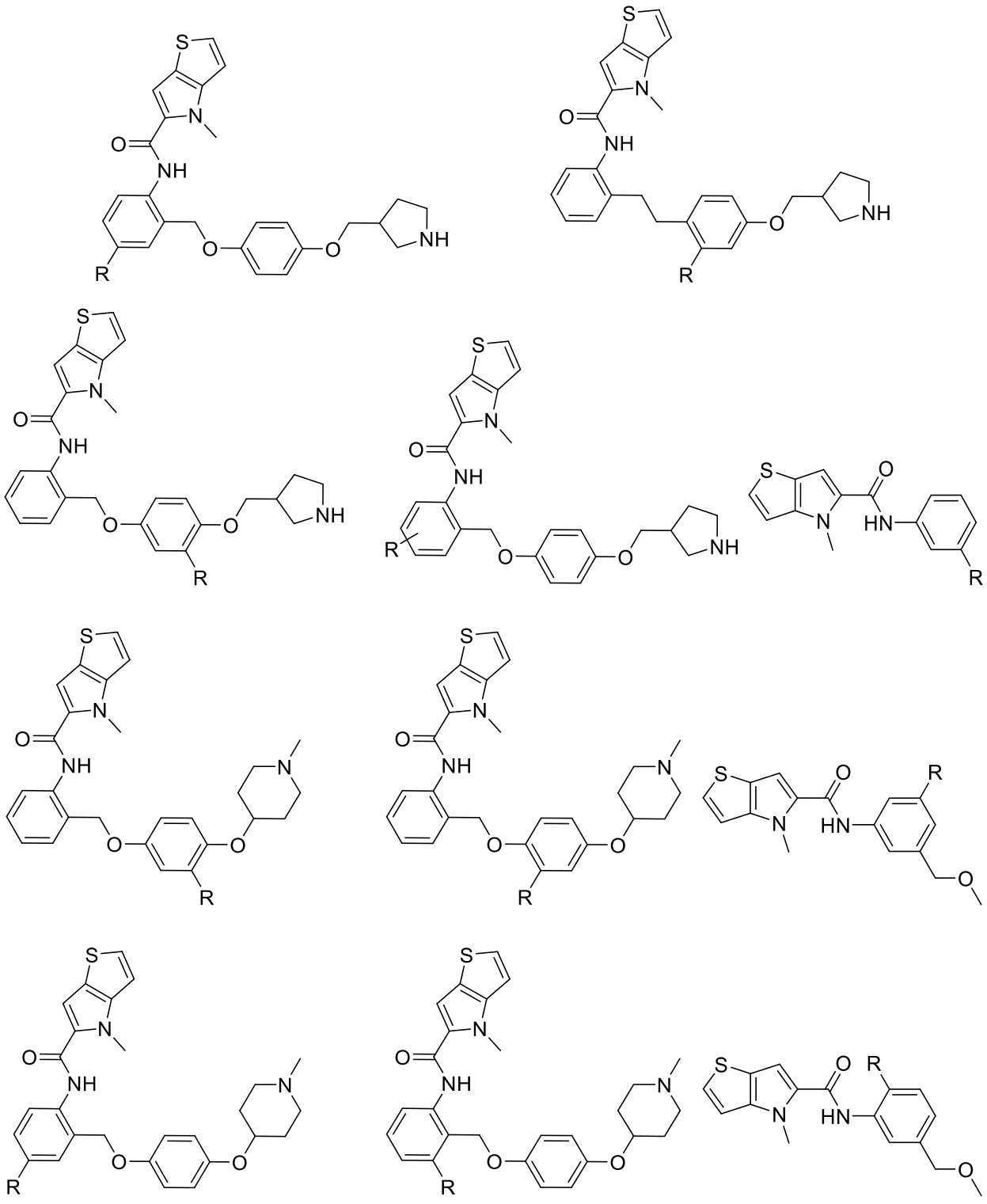

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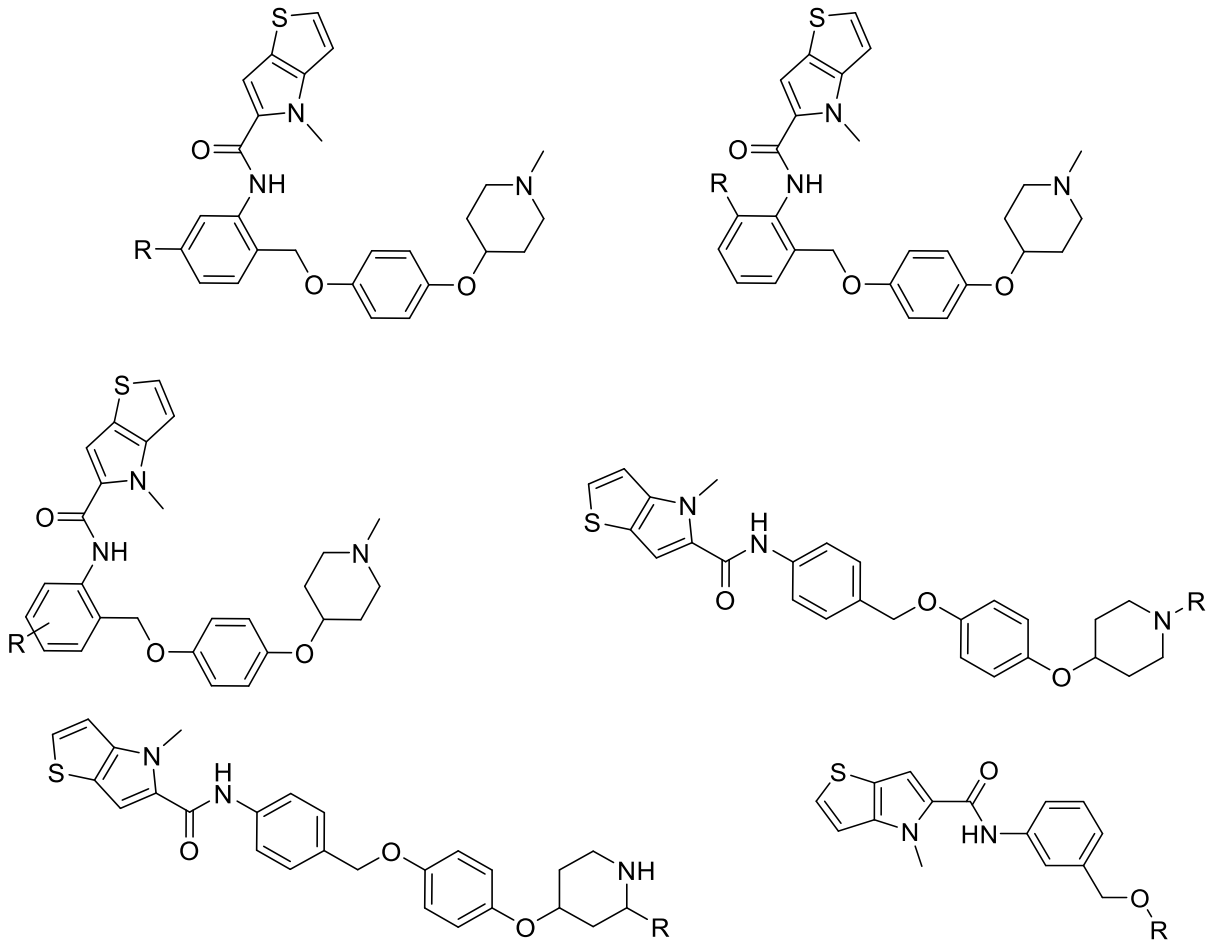
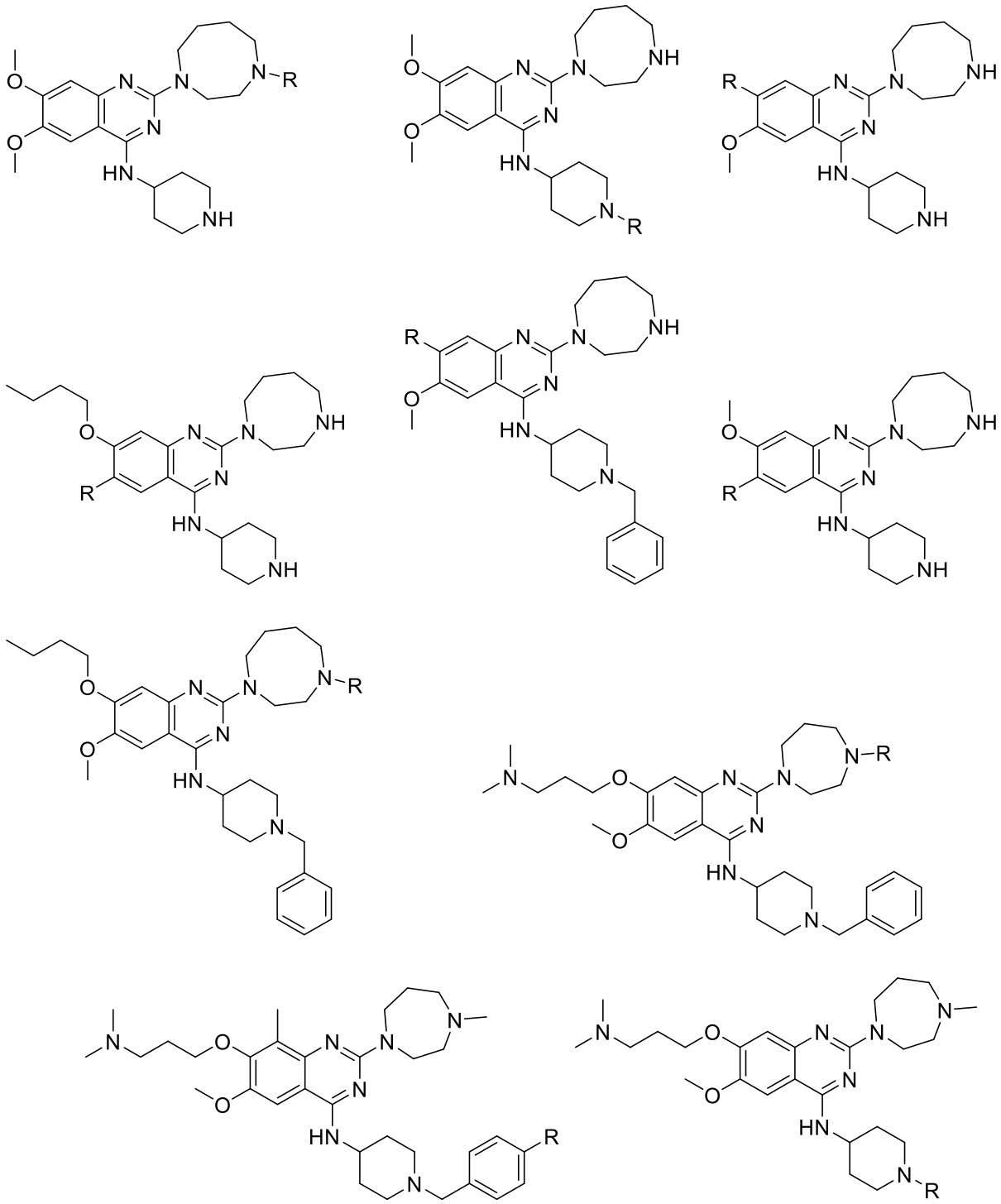


FIG. 3NNNNN



FIG. 3OOOOO



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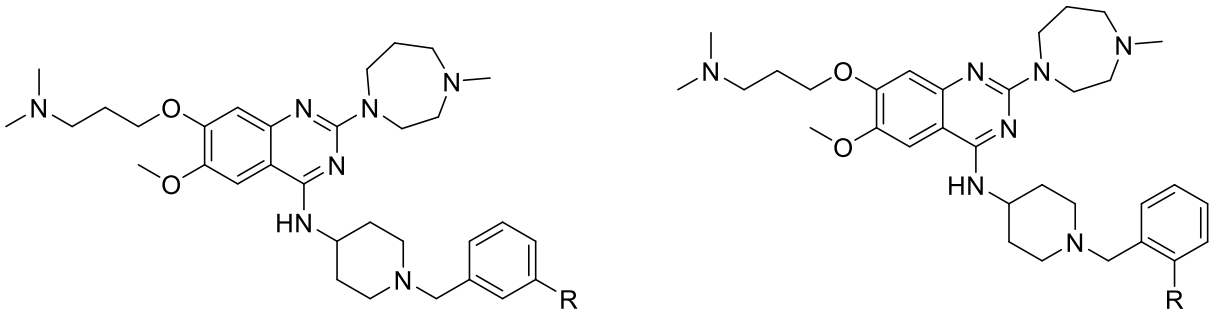

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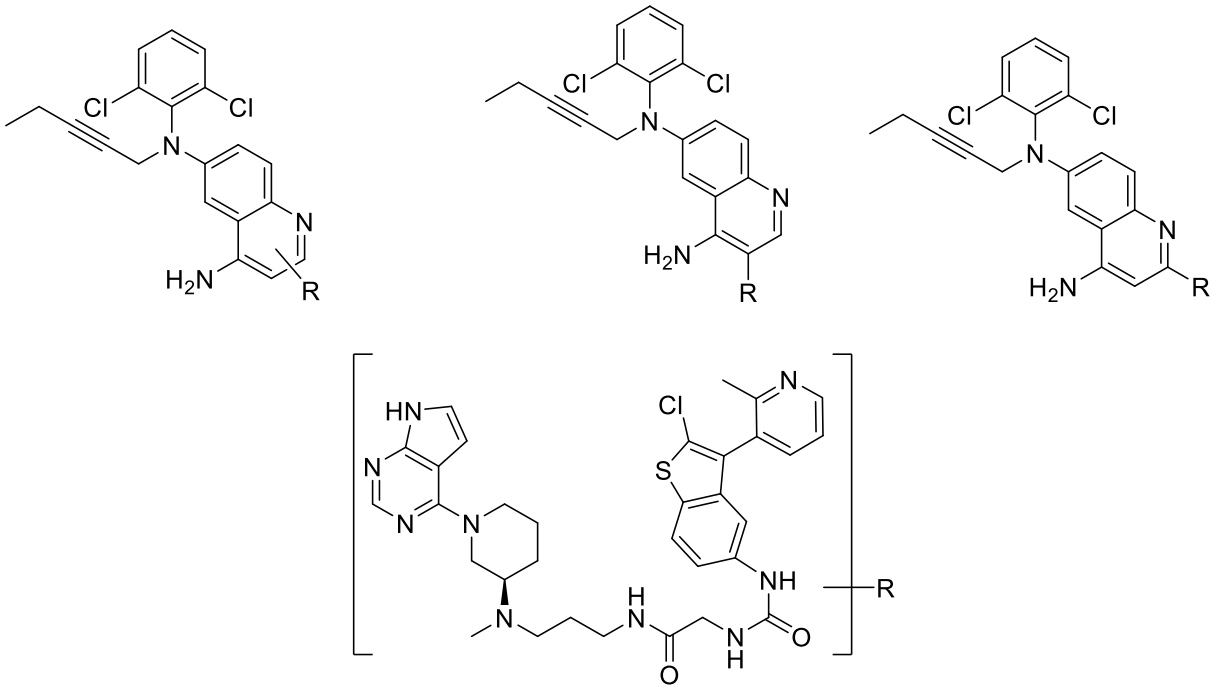

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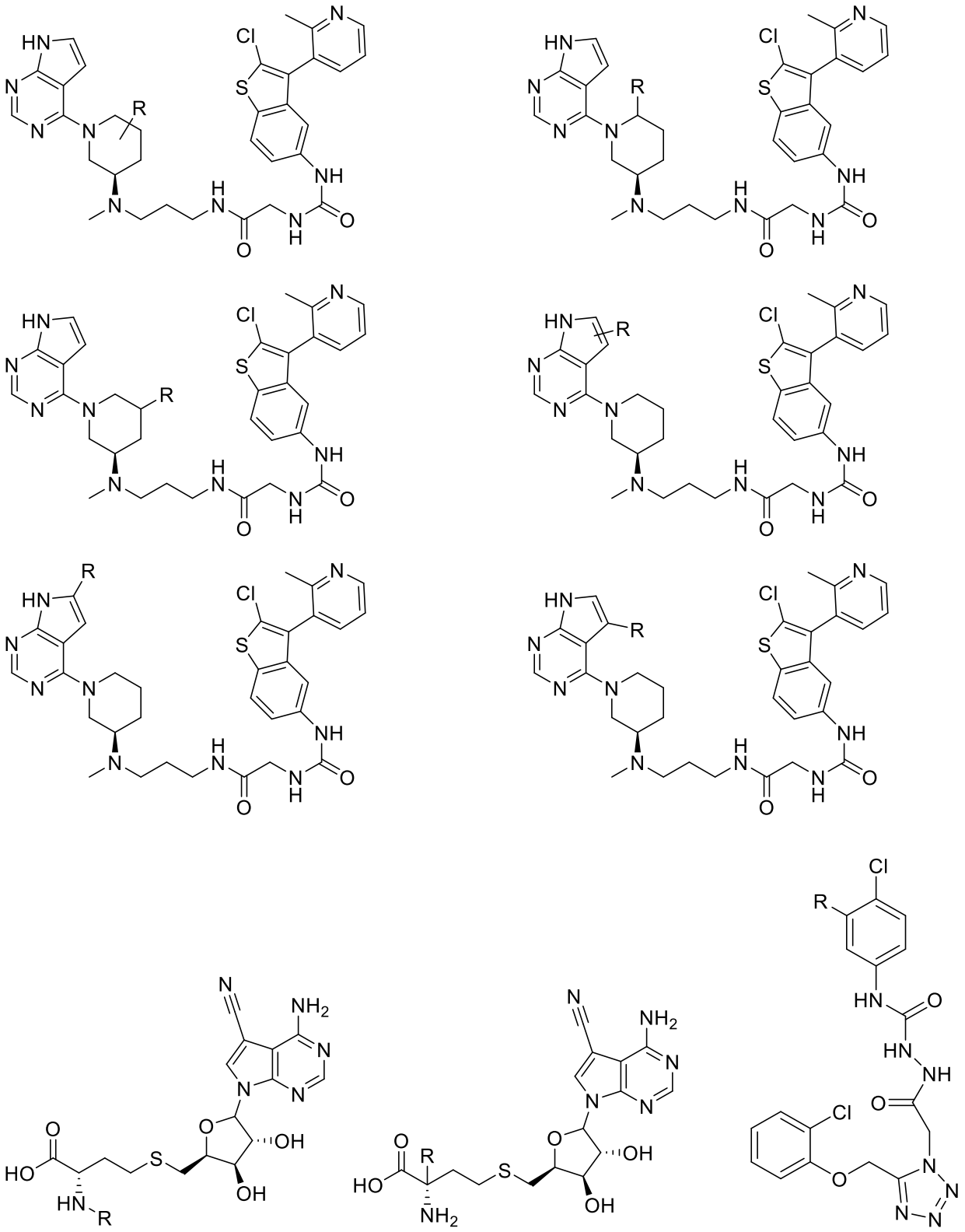

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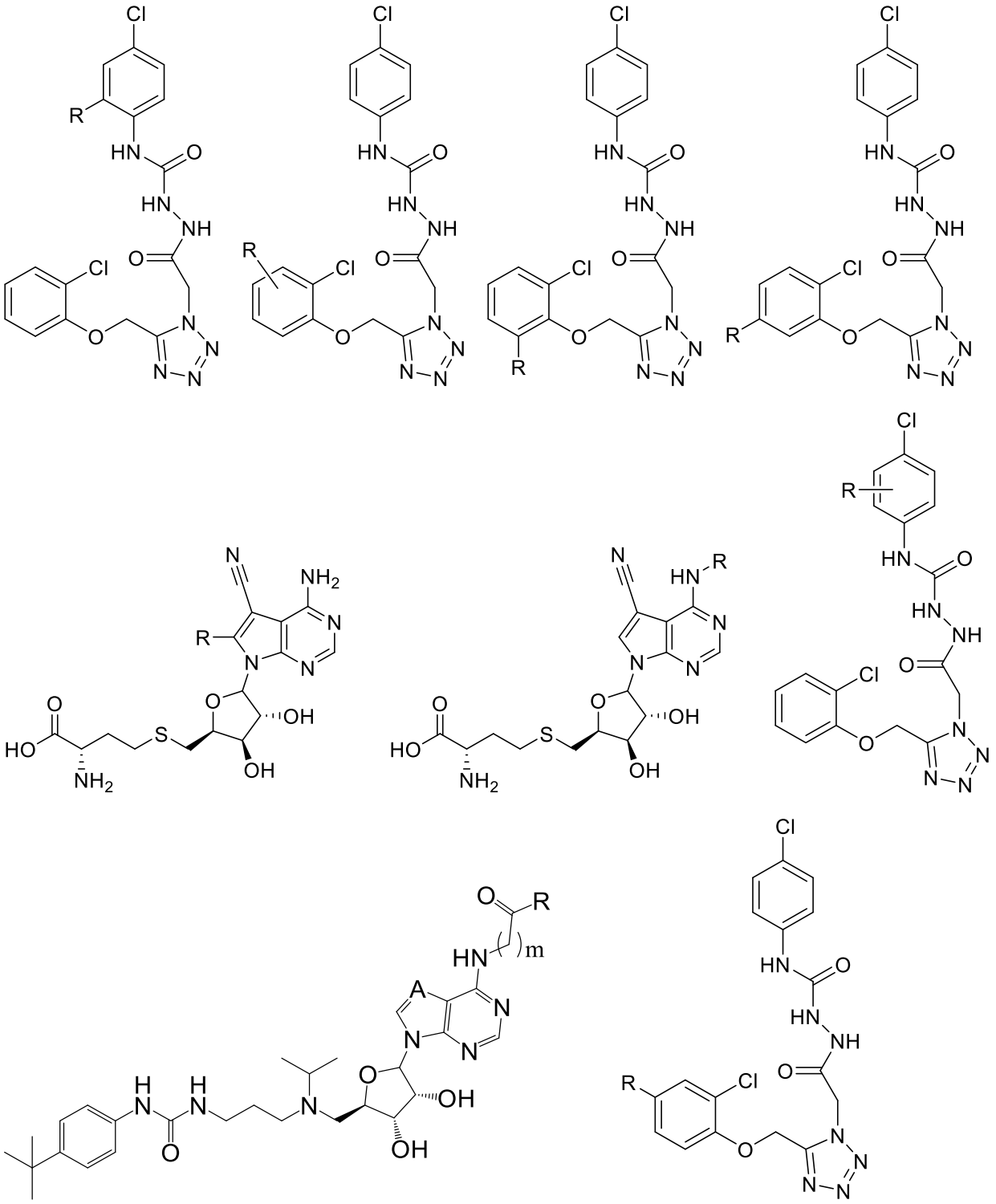

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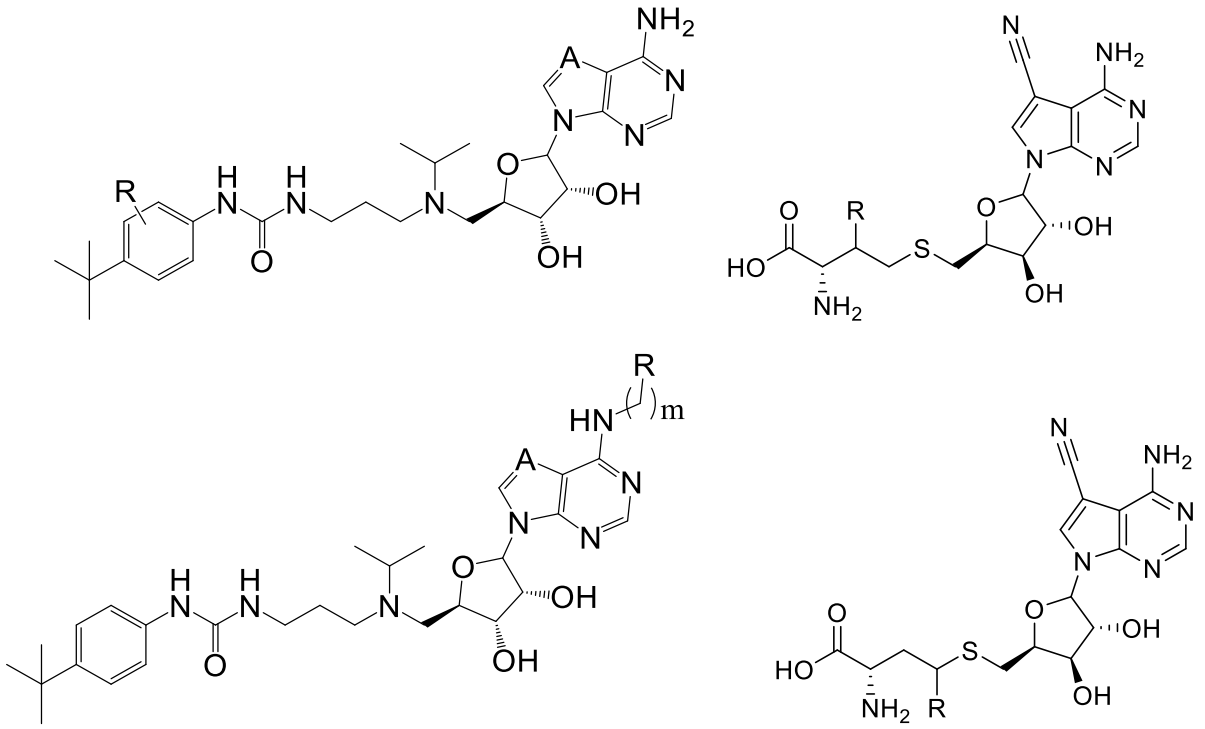

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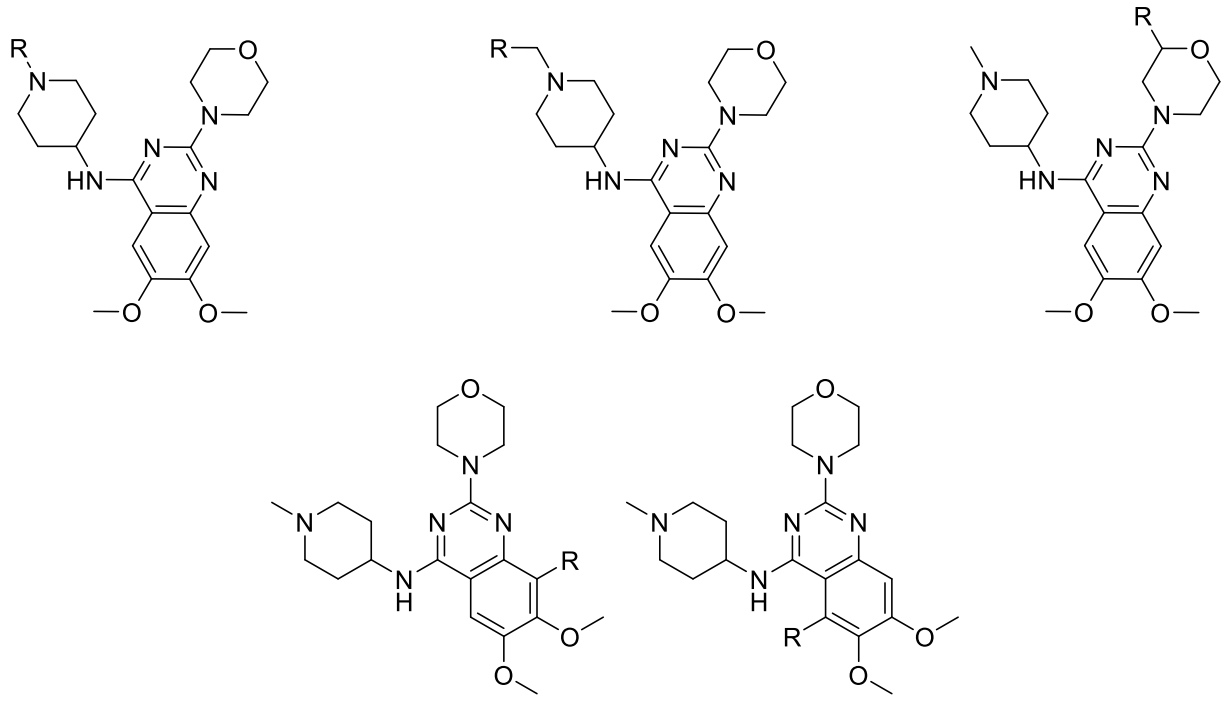

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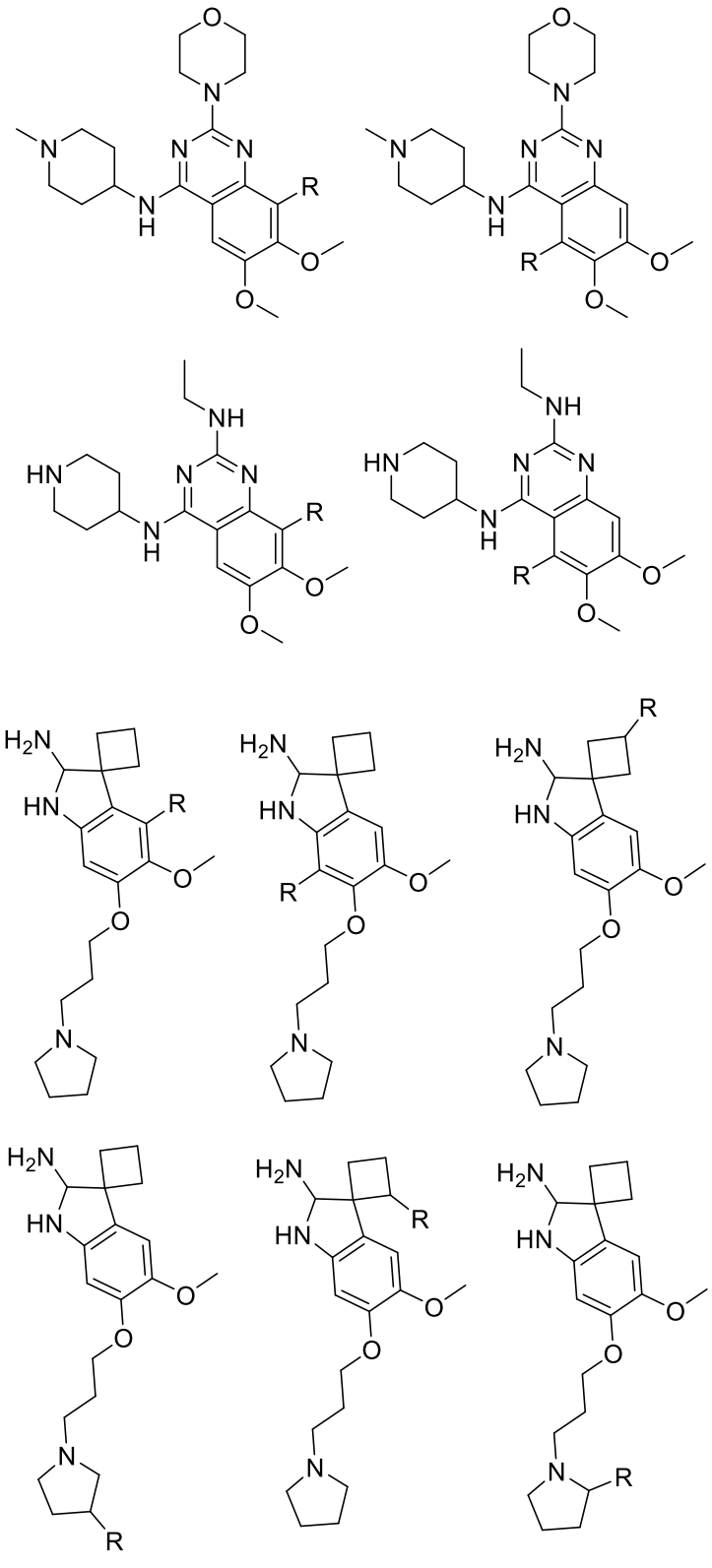

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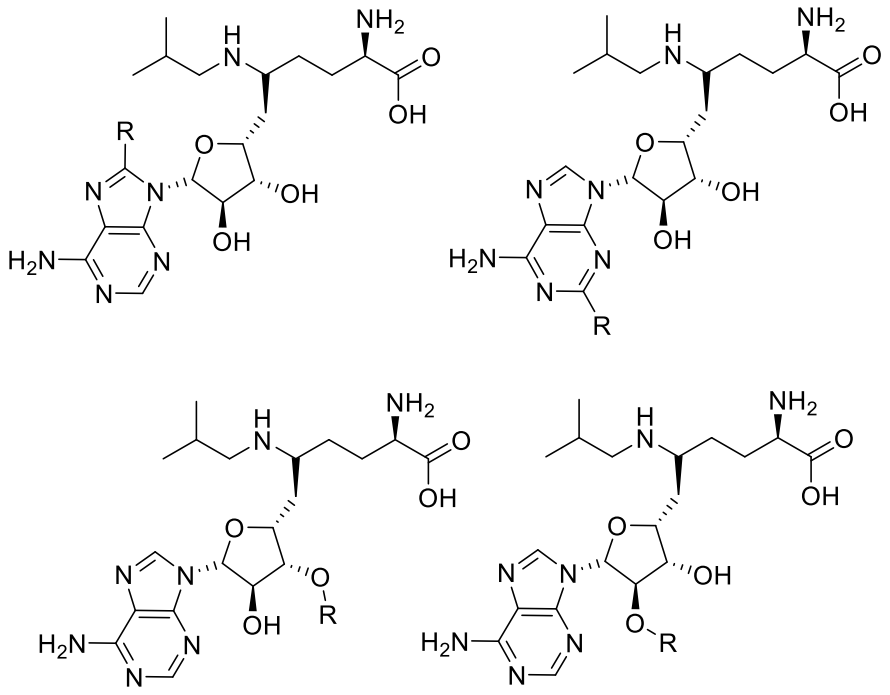
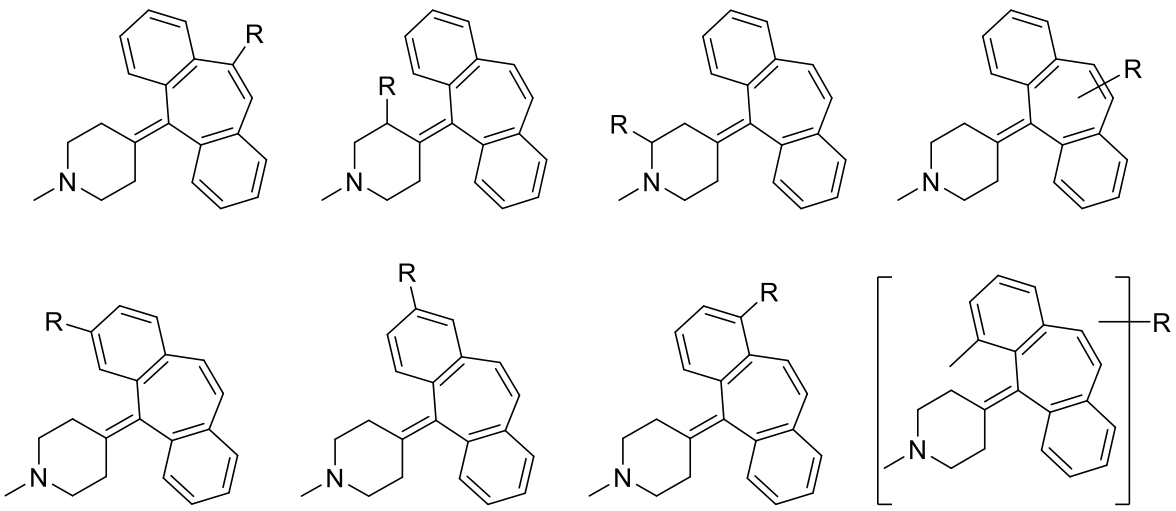


FIG. 3XXXXX



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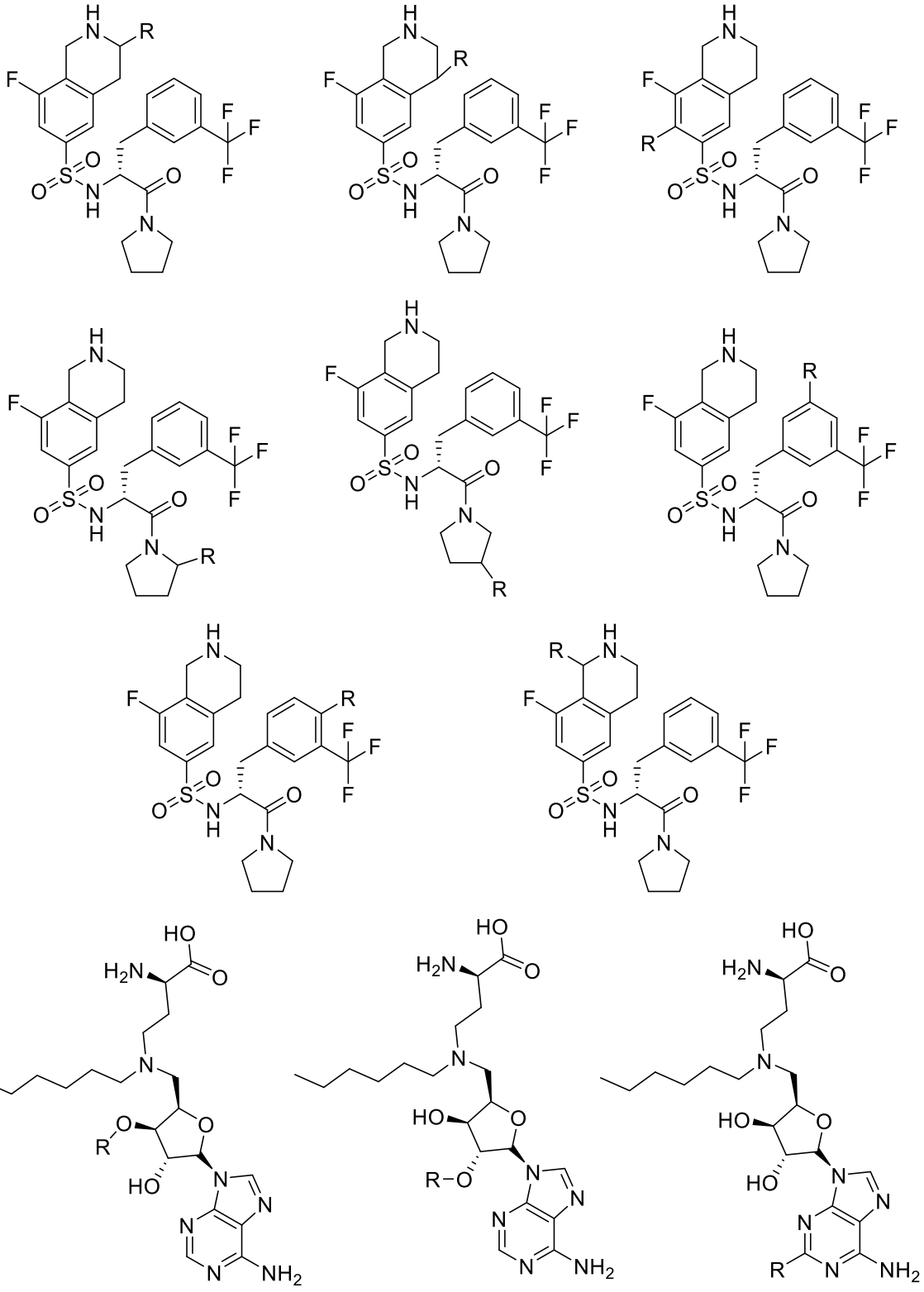

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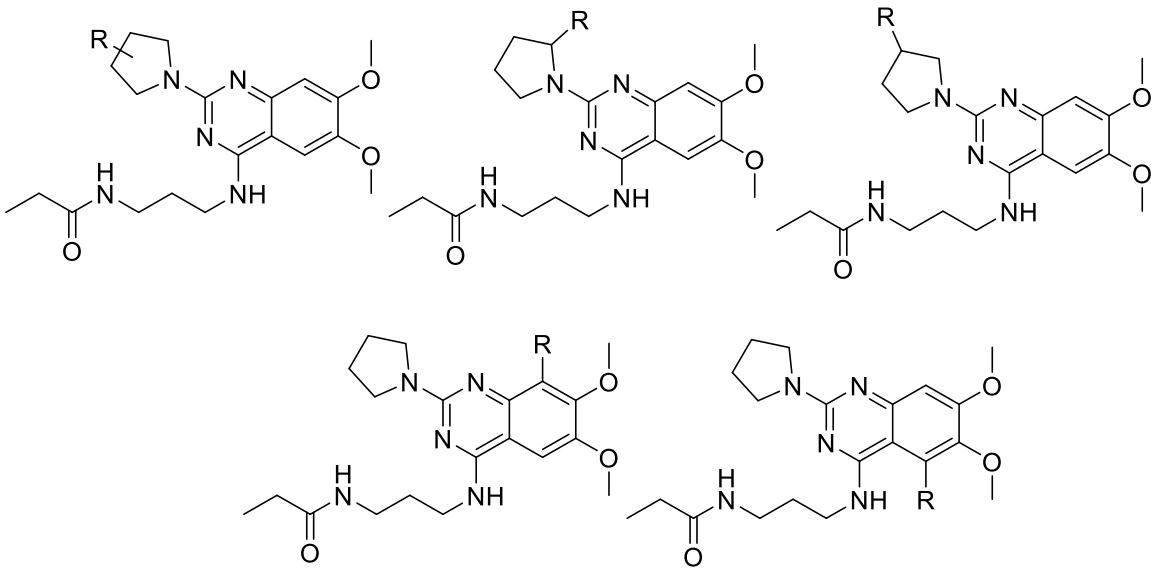

FIG. 4A

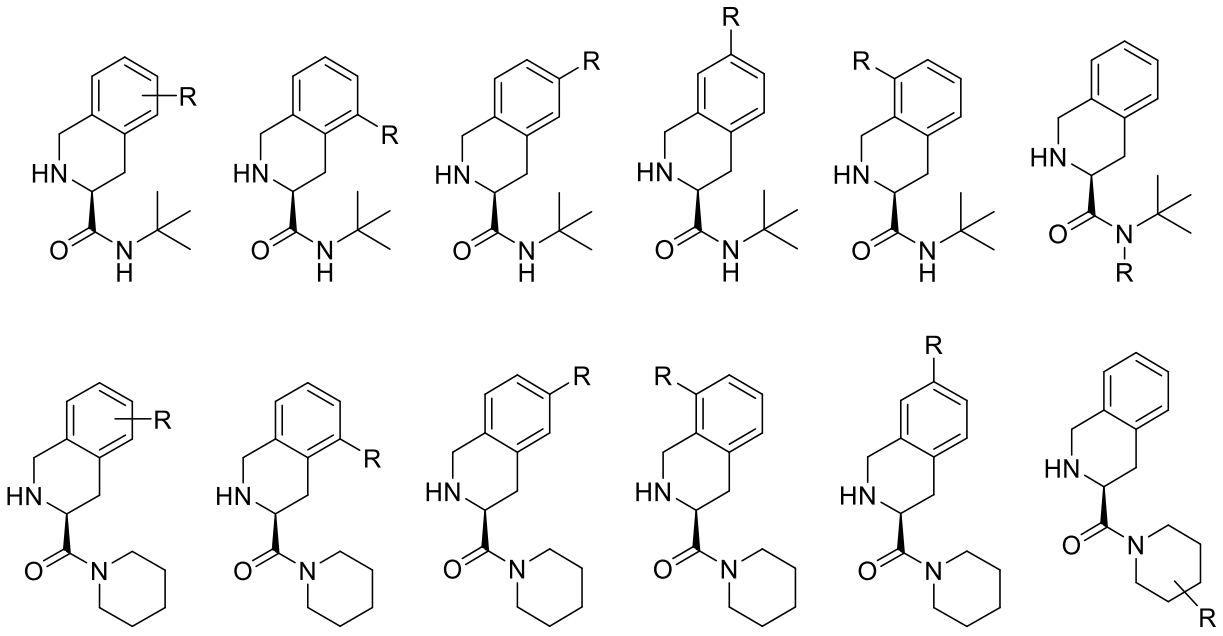

FIG. 4B

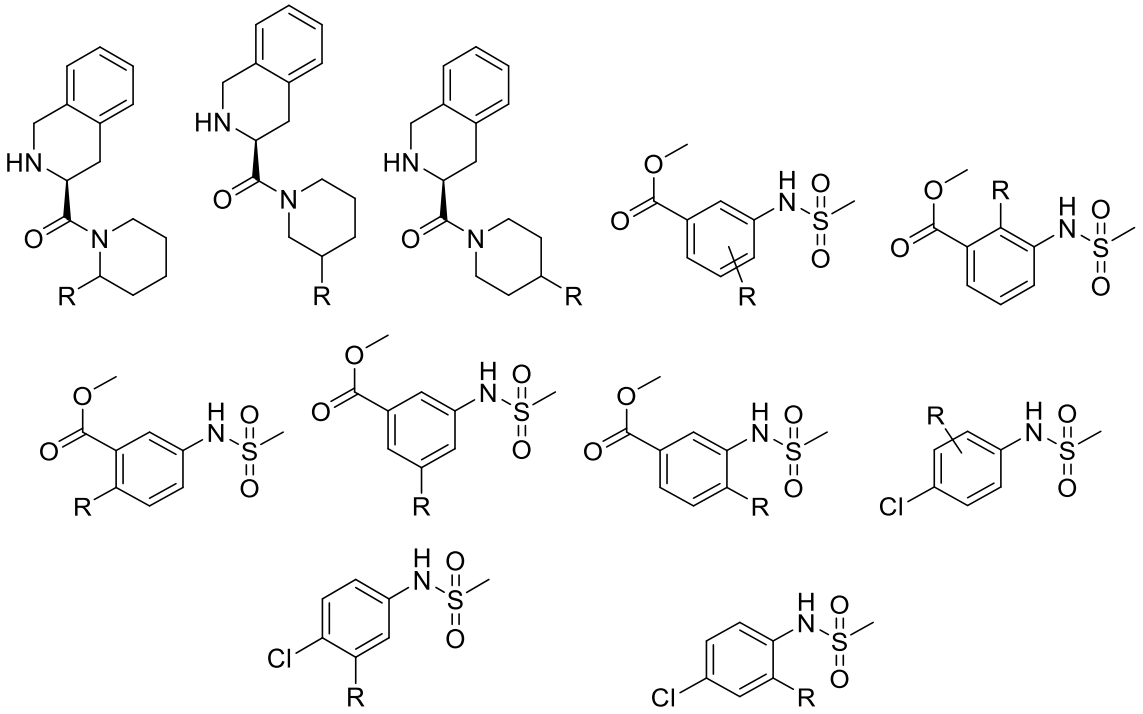

FIG. 4C

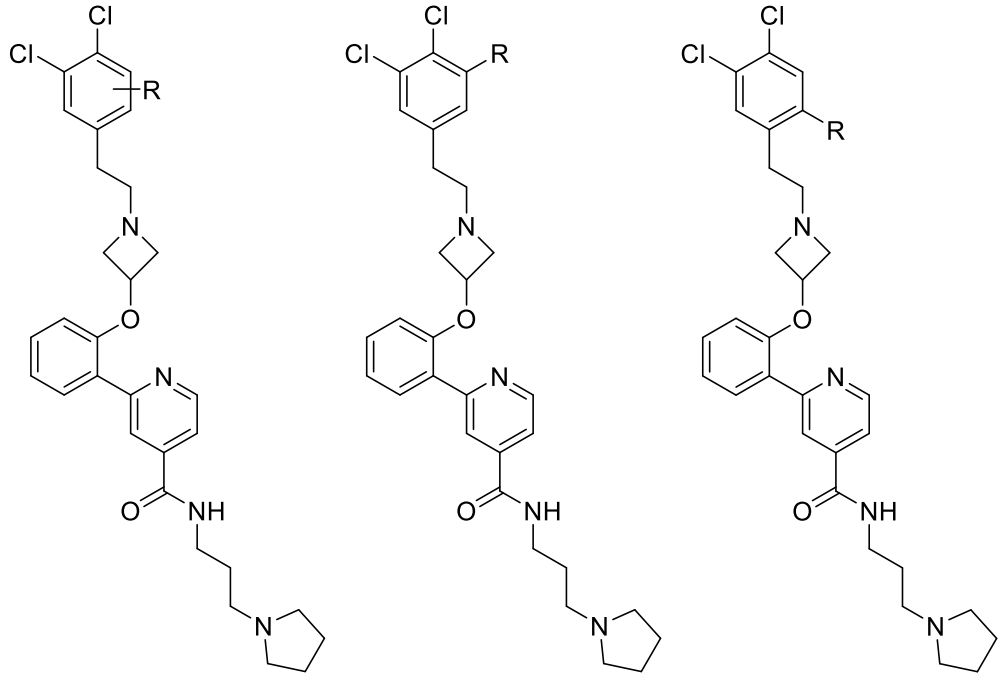

FIG. 4D

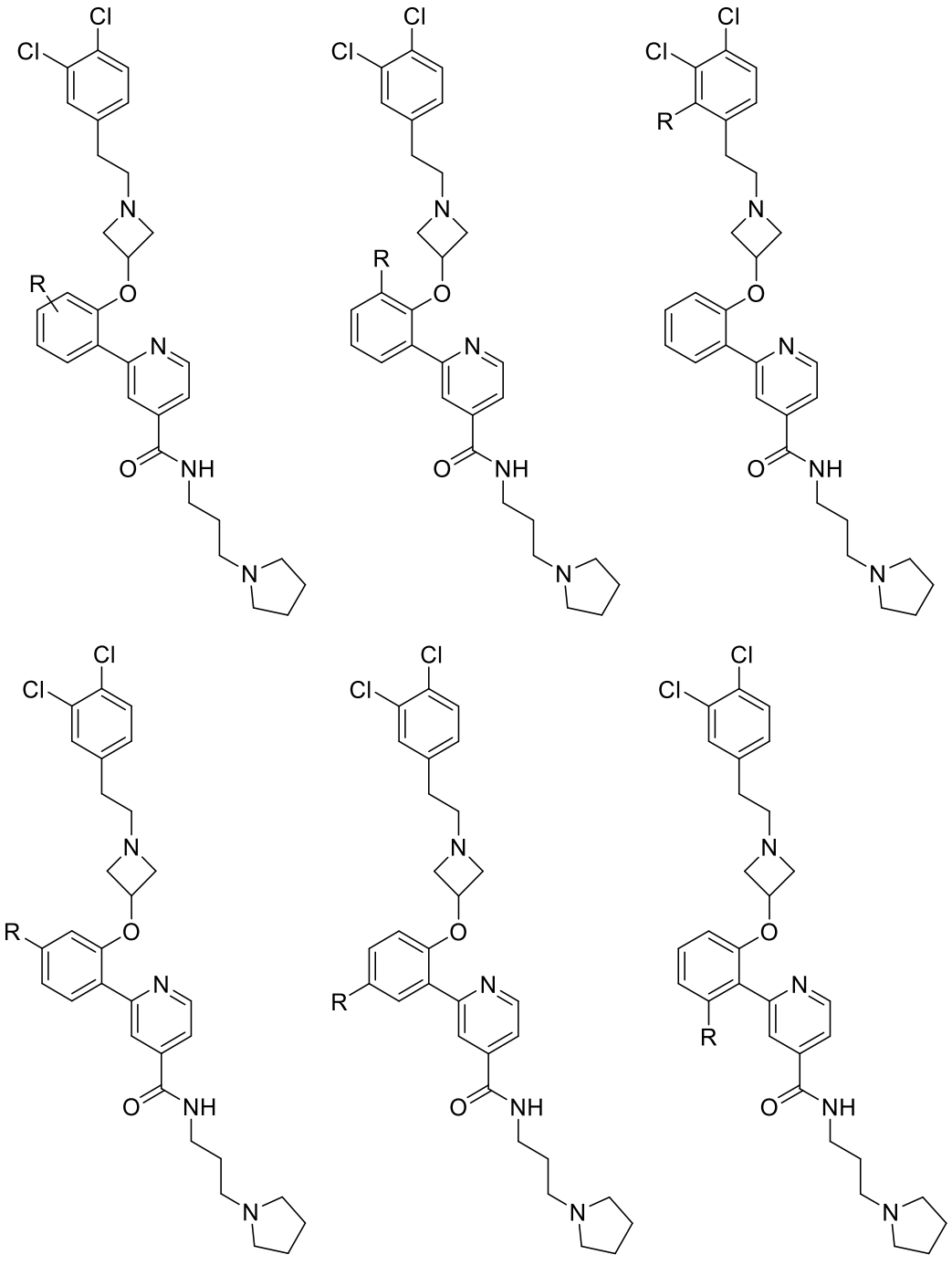

FIG. 4E

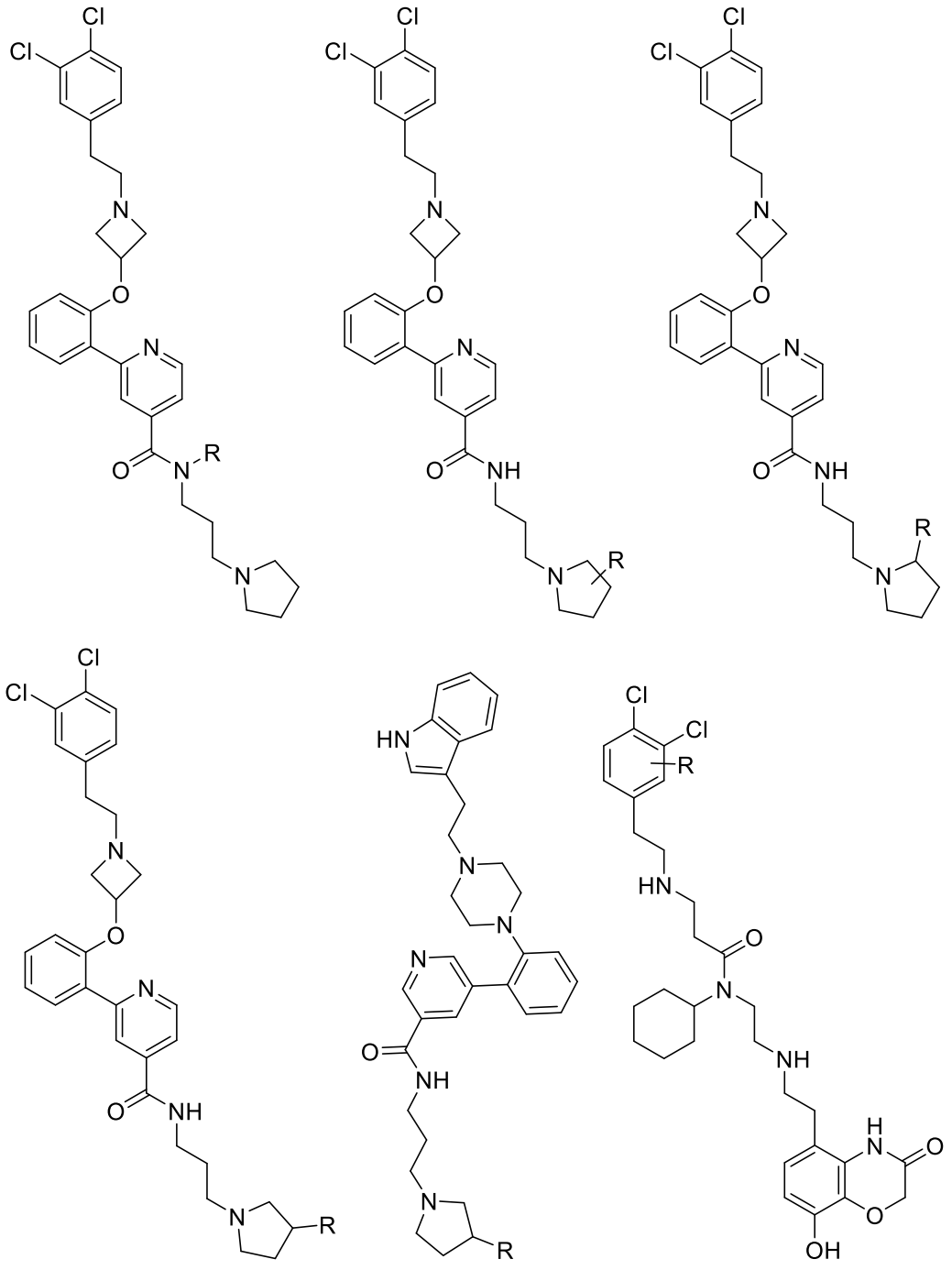
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FIG. 4F

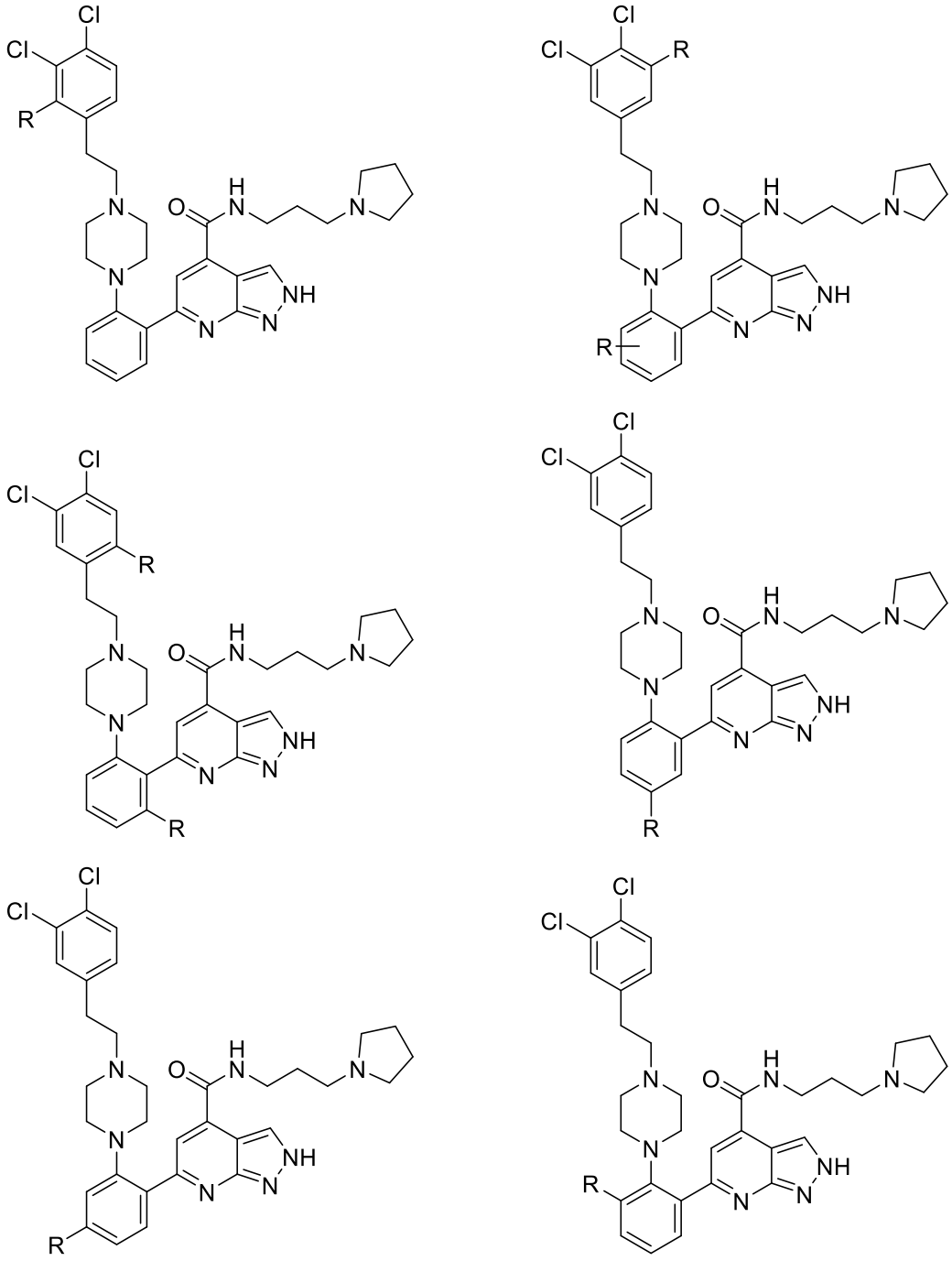


FIG. 4G

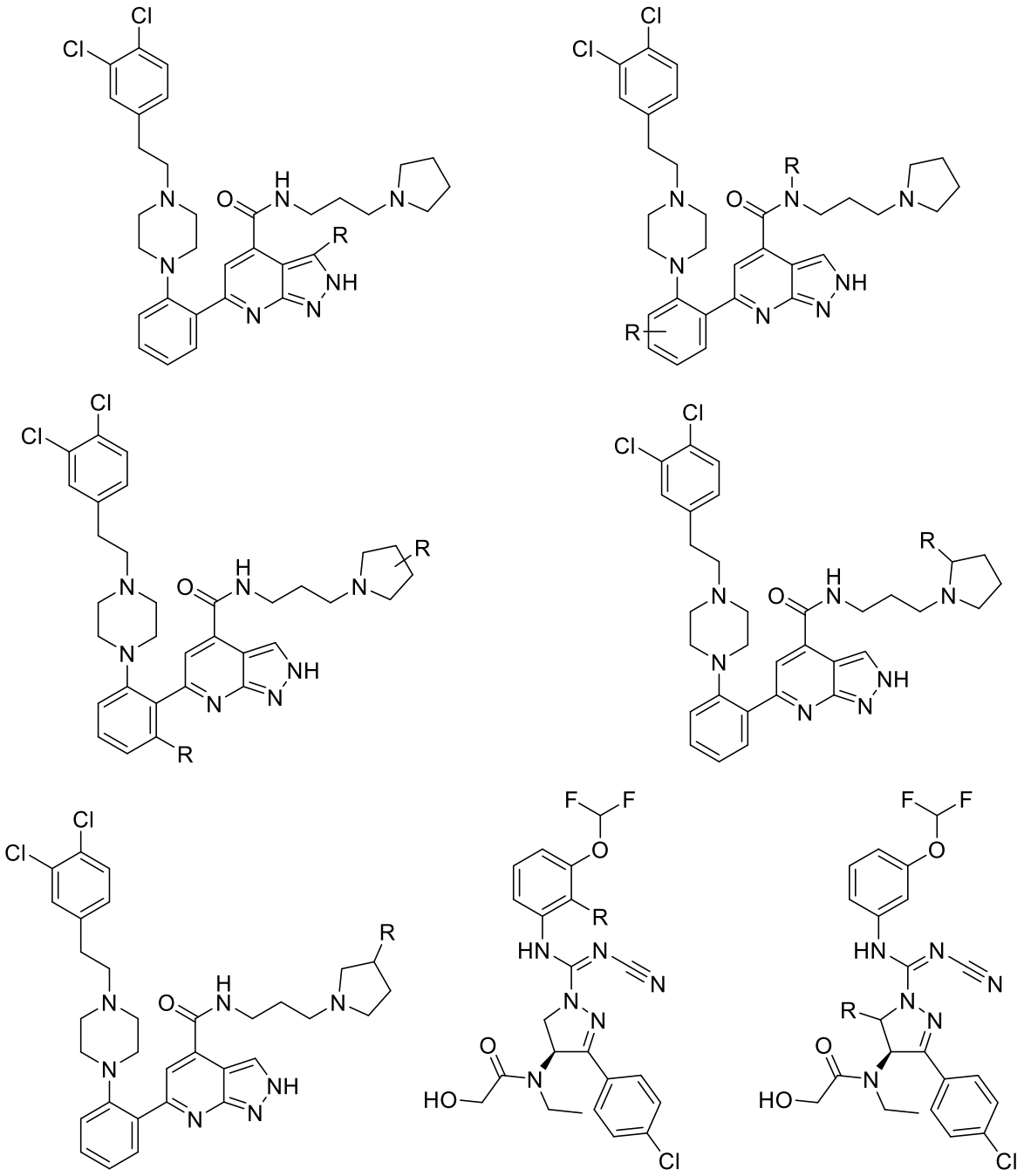


FIG. 4H

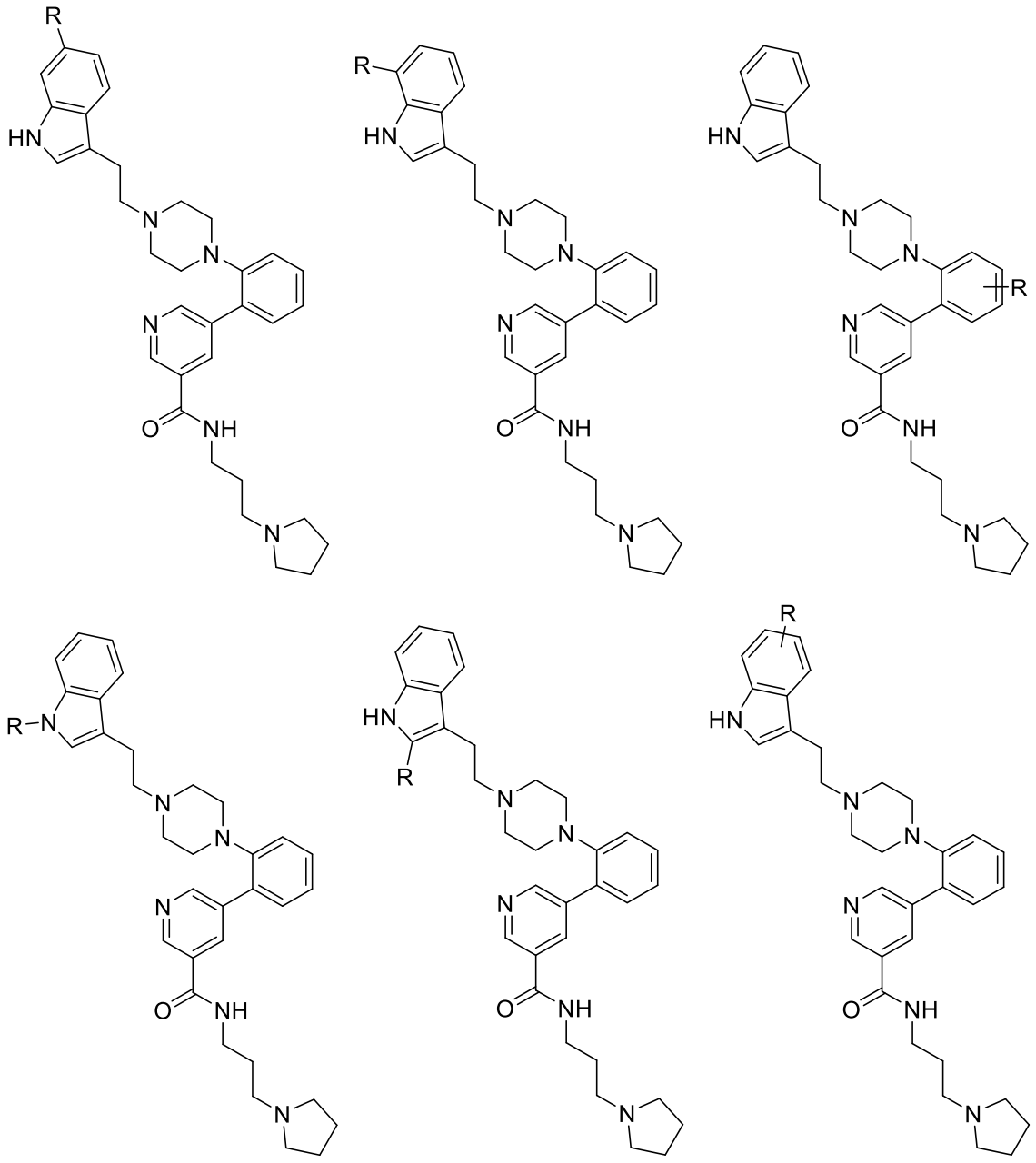


FIG. 4I

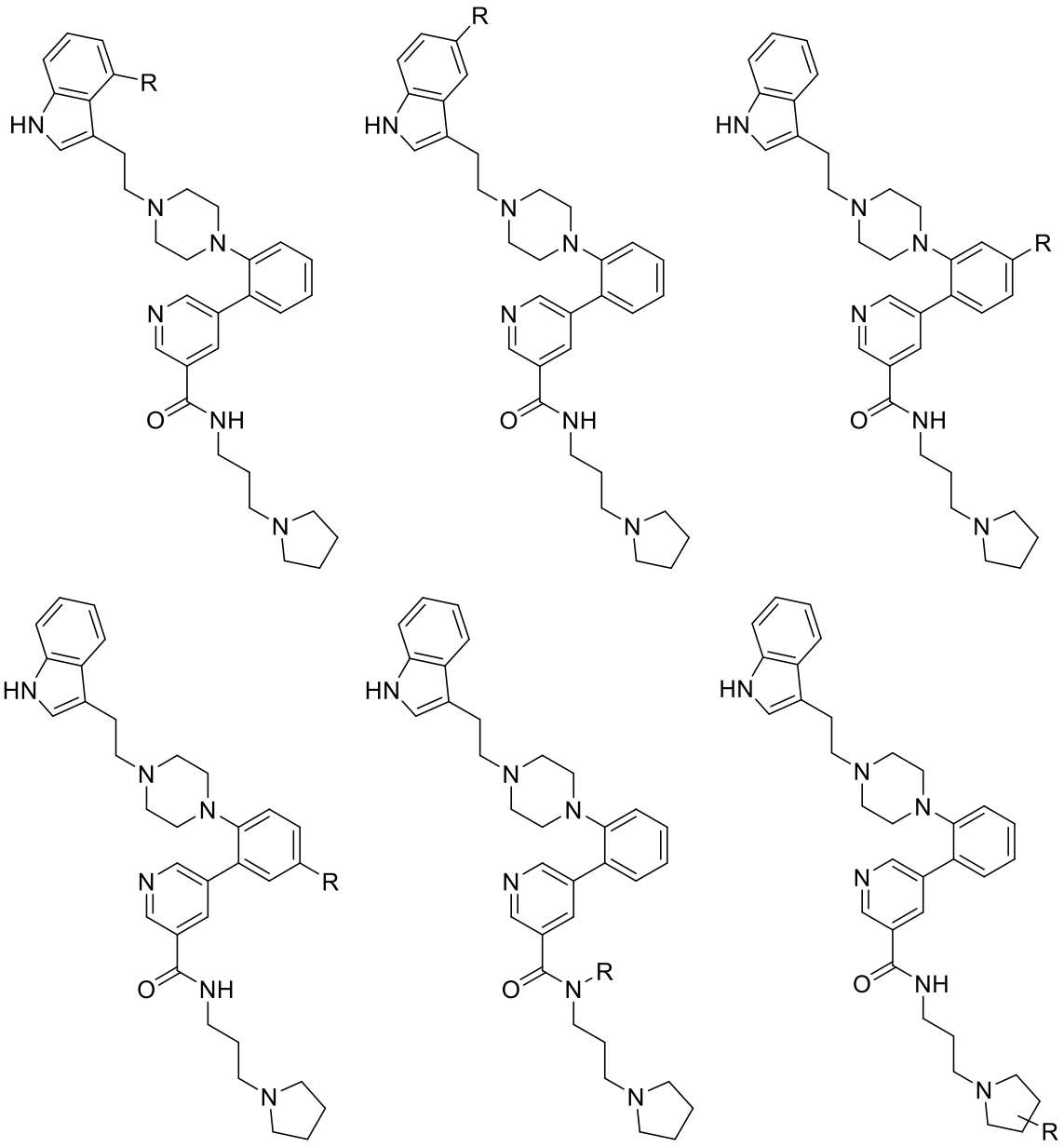
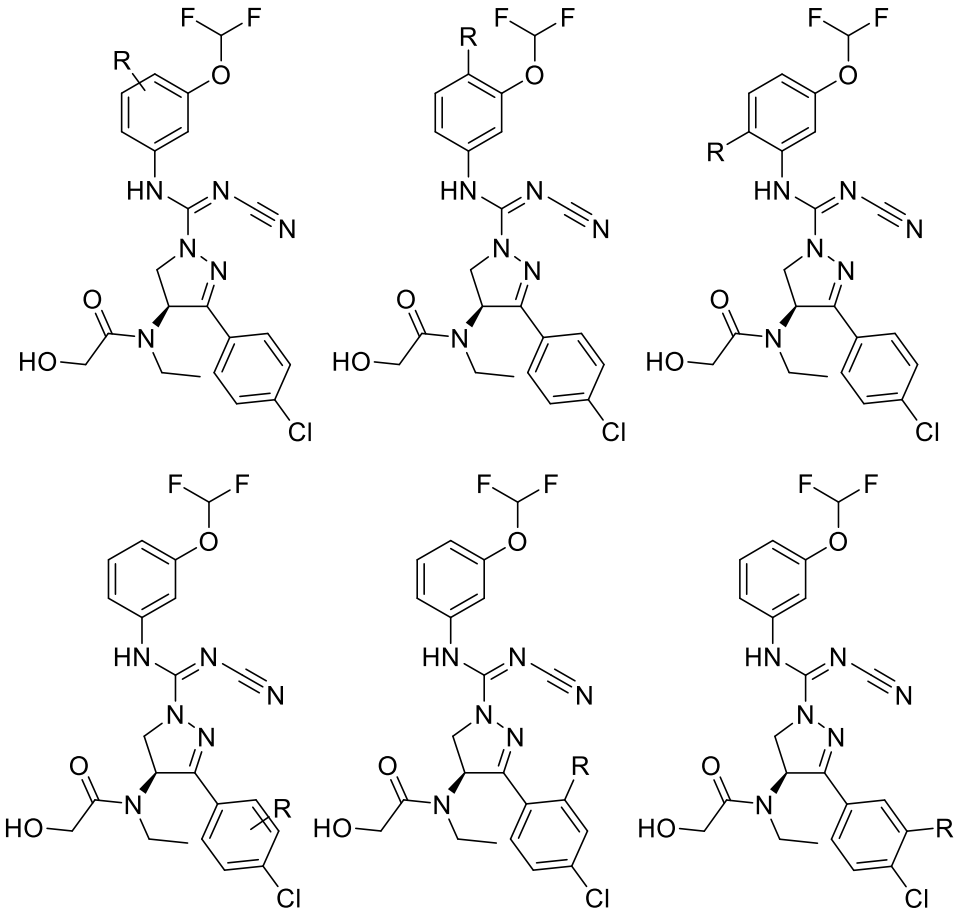
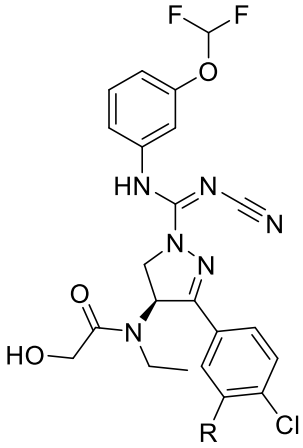
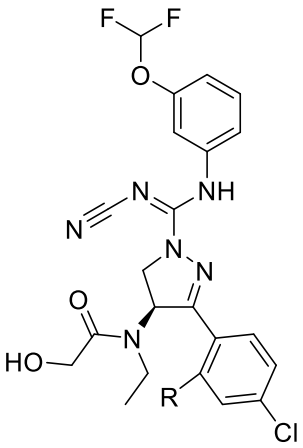
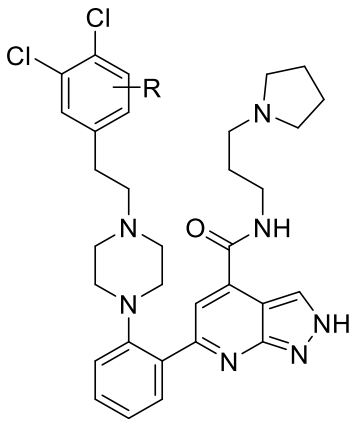


FIG. 4J









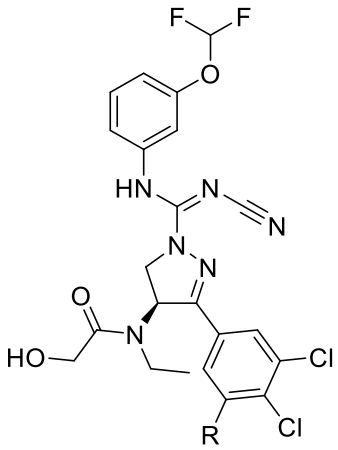


FIG. 4K

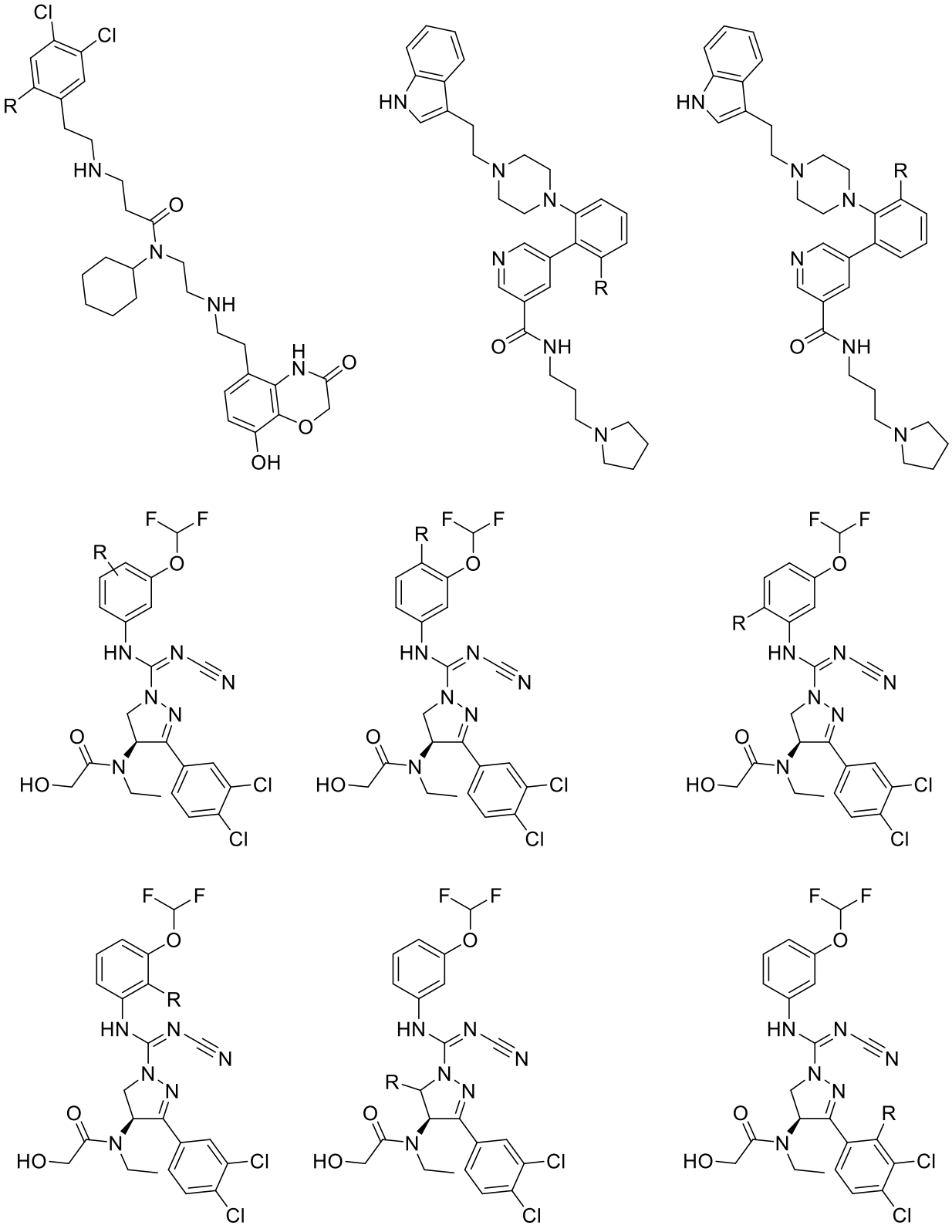


FIG. 4L

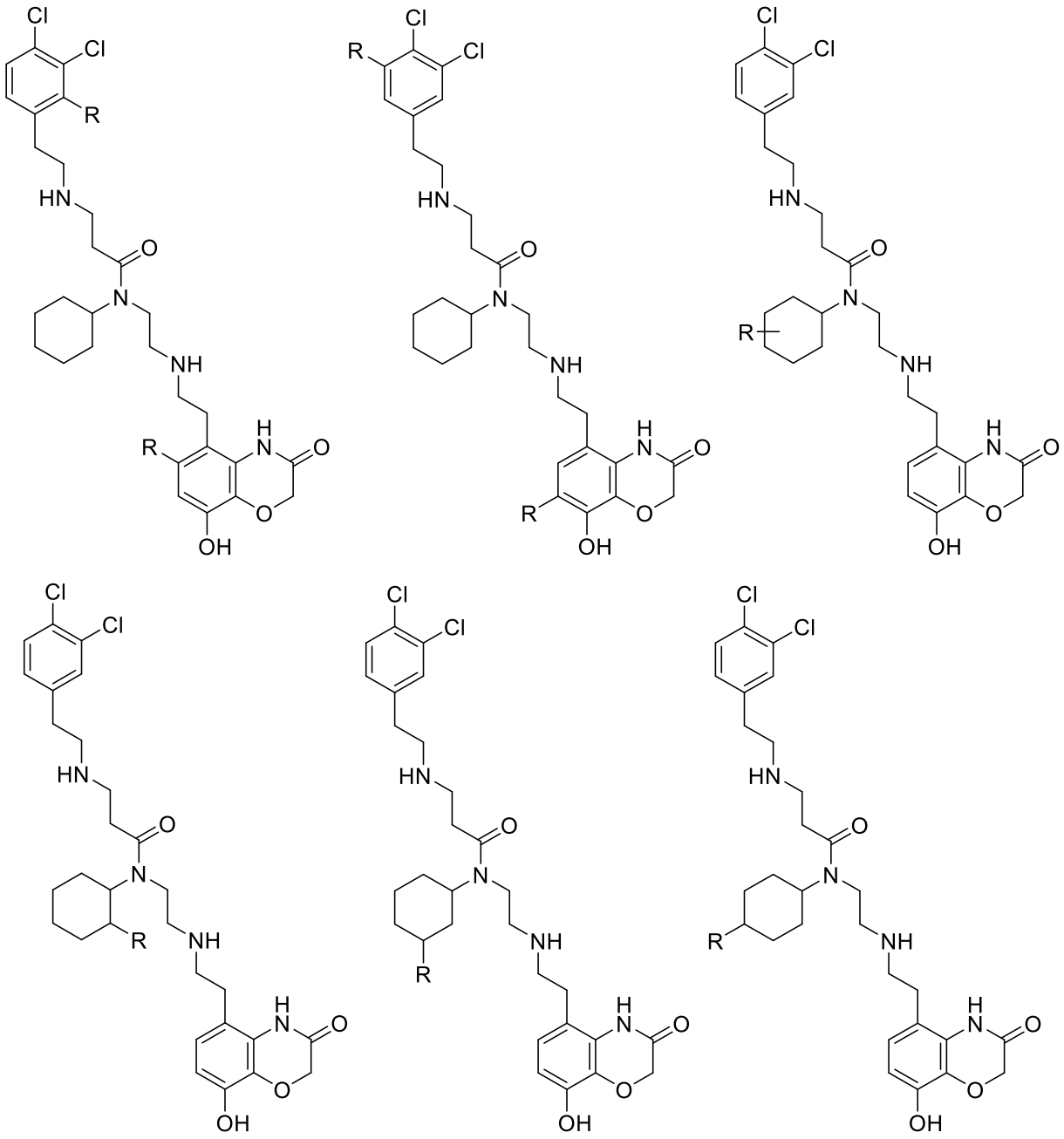


FIG. 4M

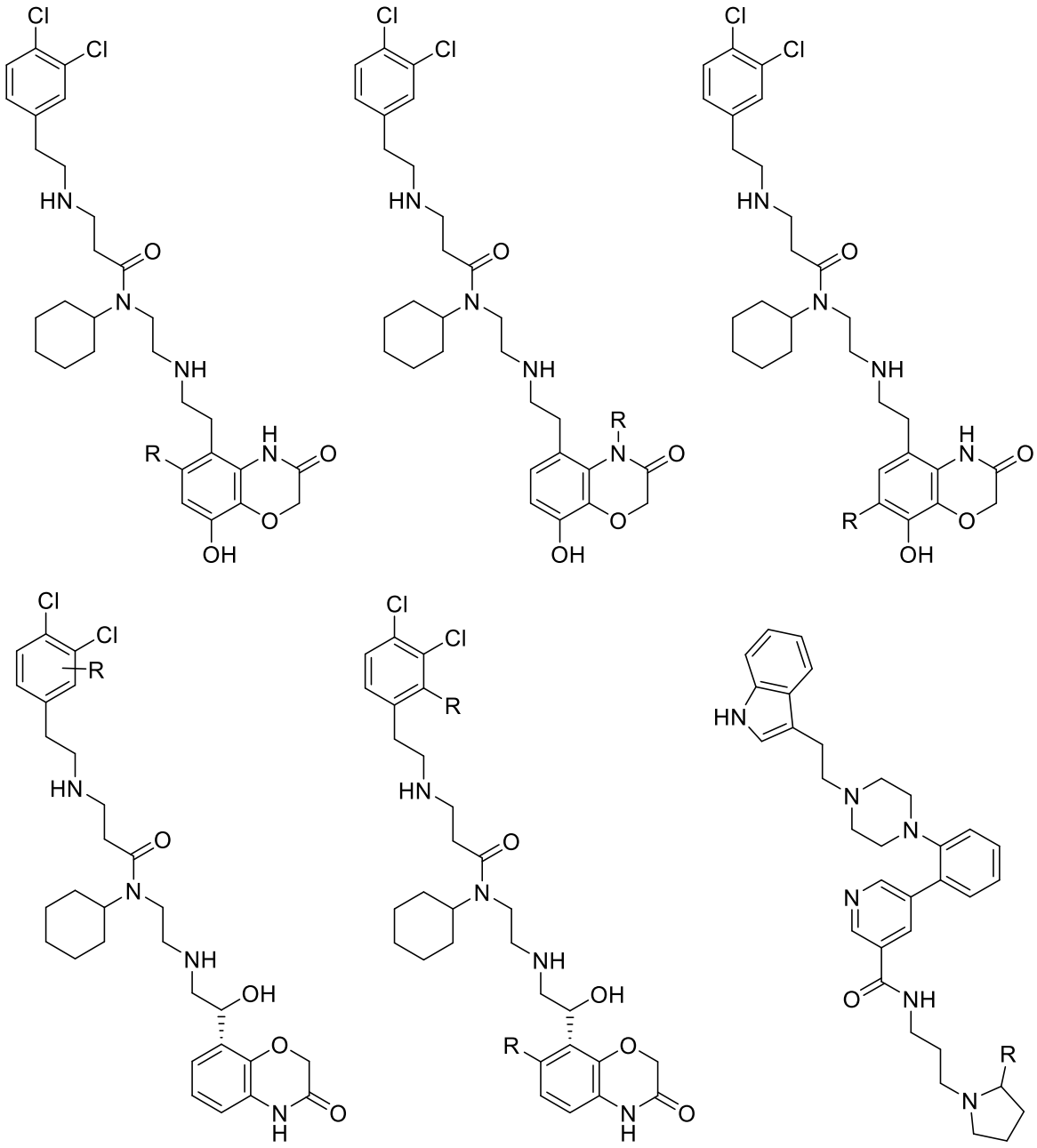


FIG. 4N

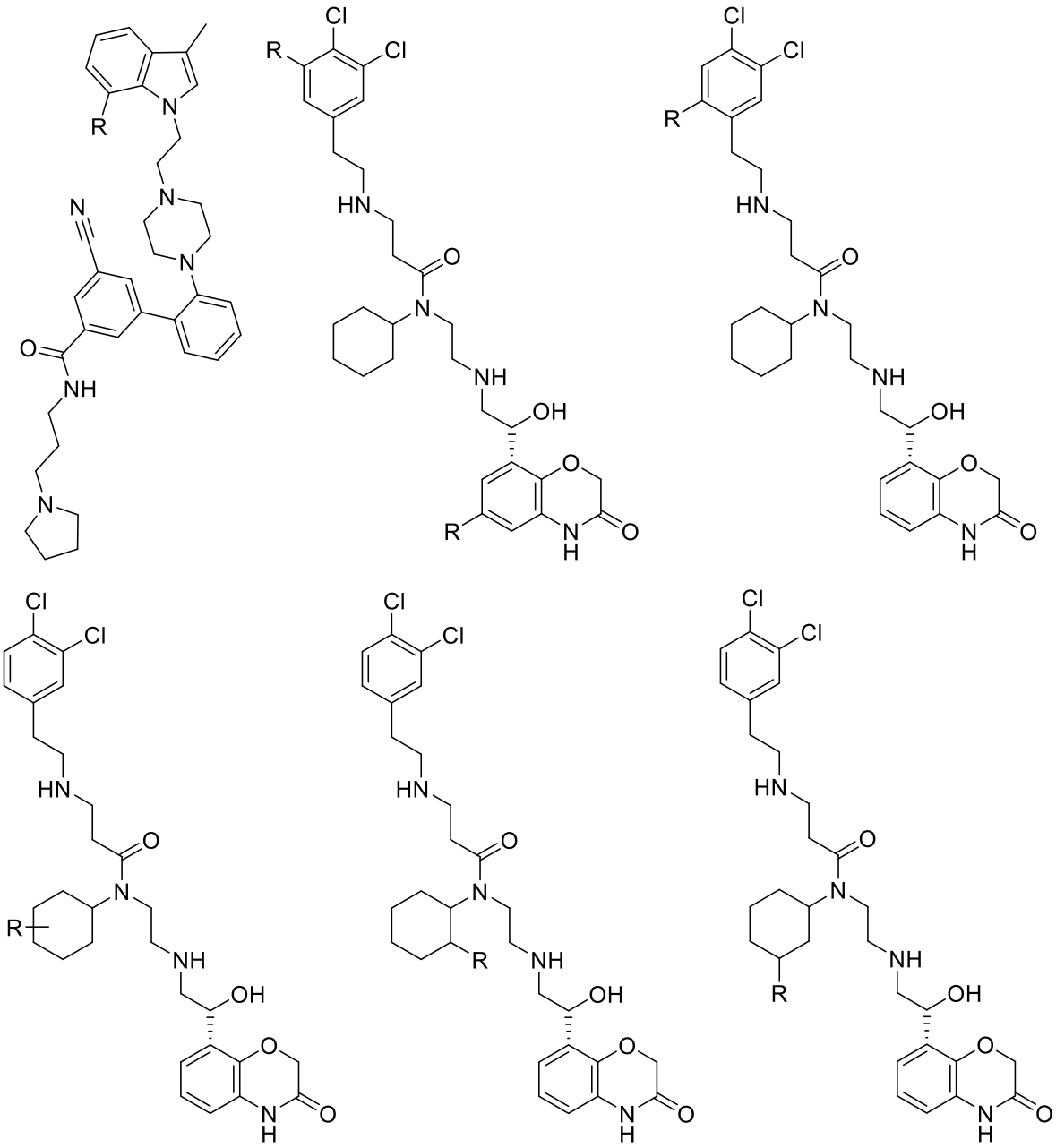


FIG. 4O

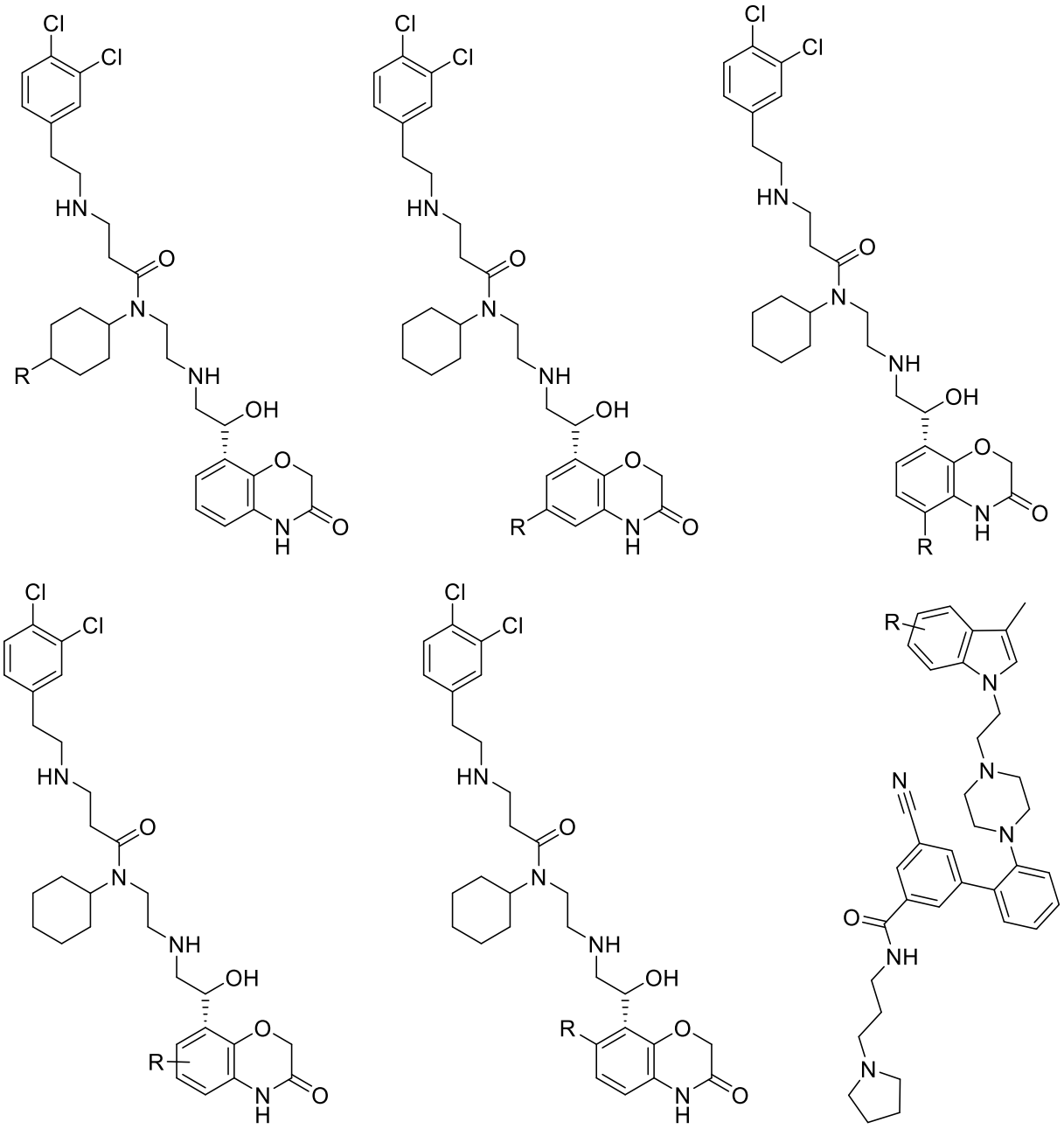


FIG. 4P

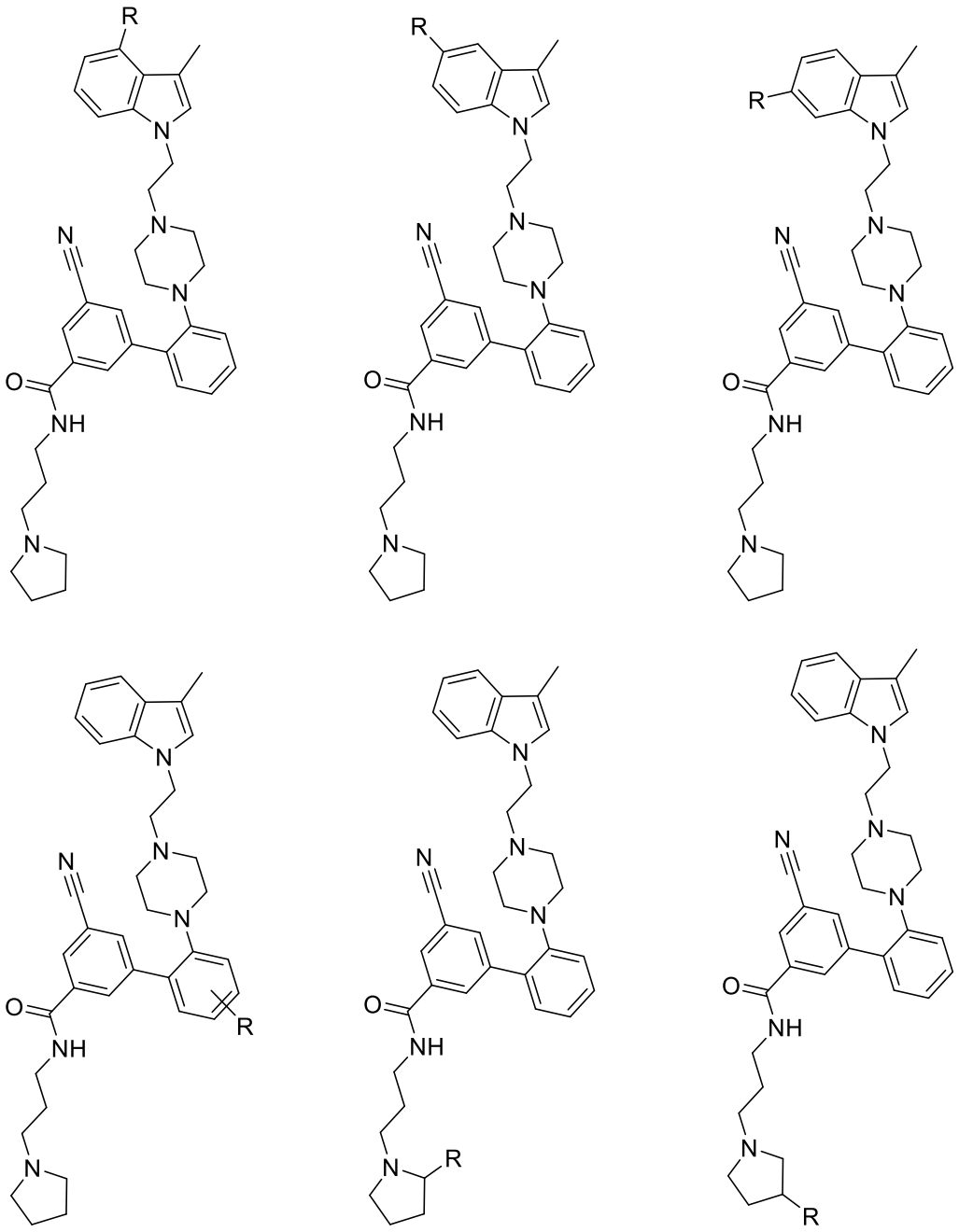


FIG. 4Q

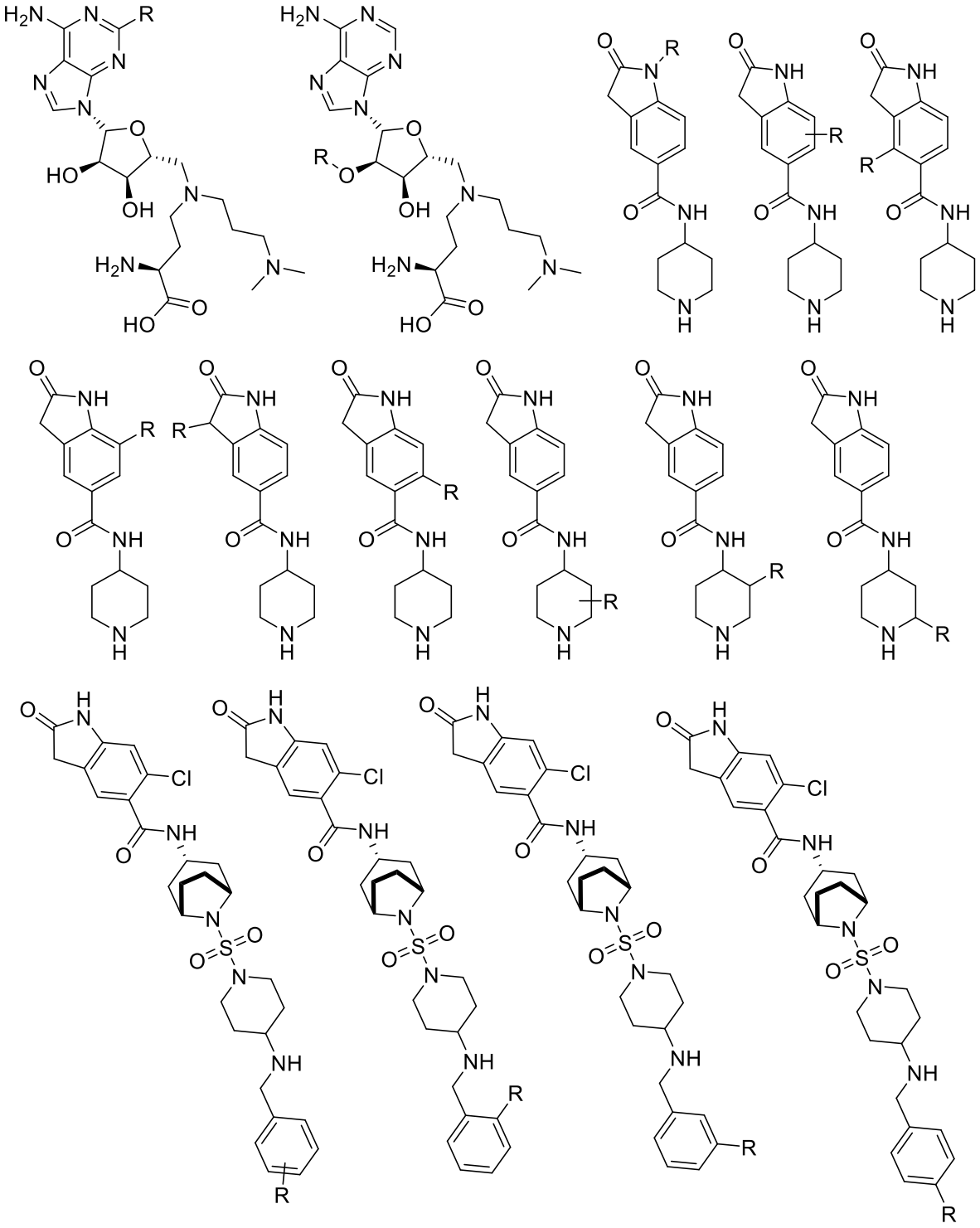


FIG. 4R

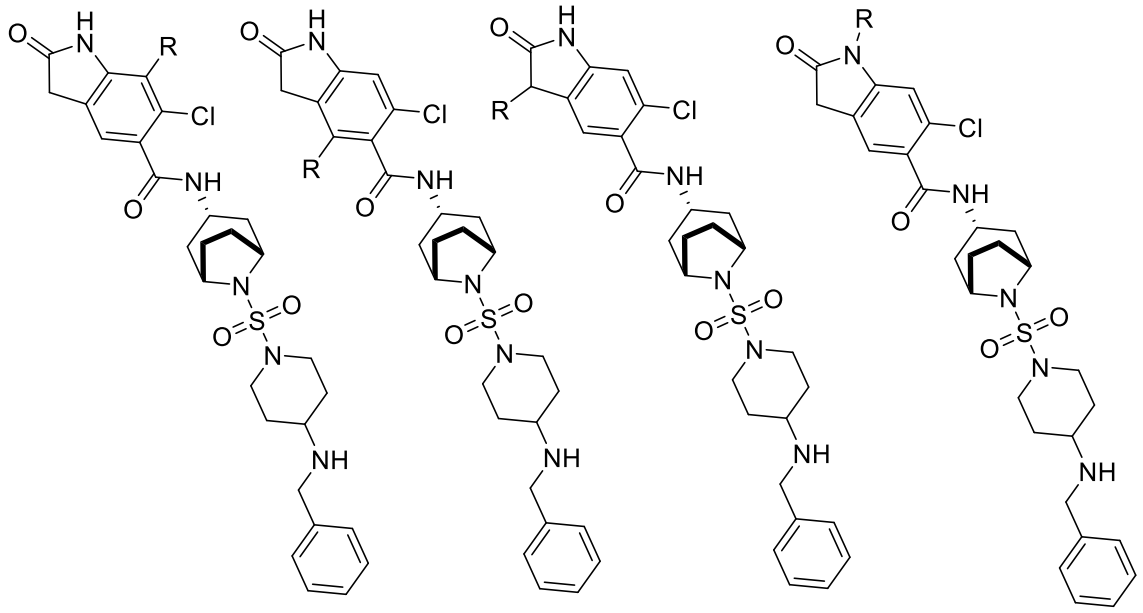


FIG. 4S

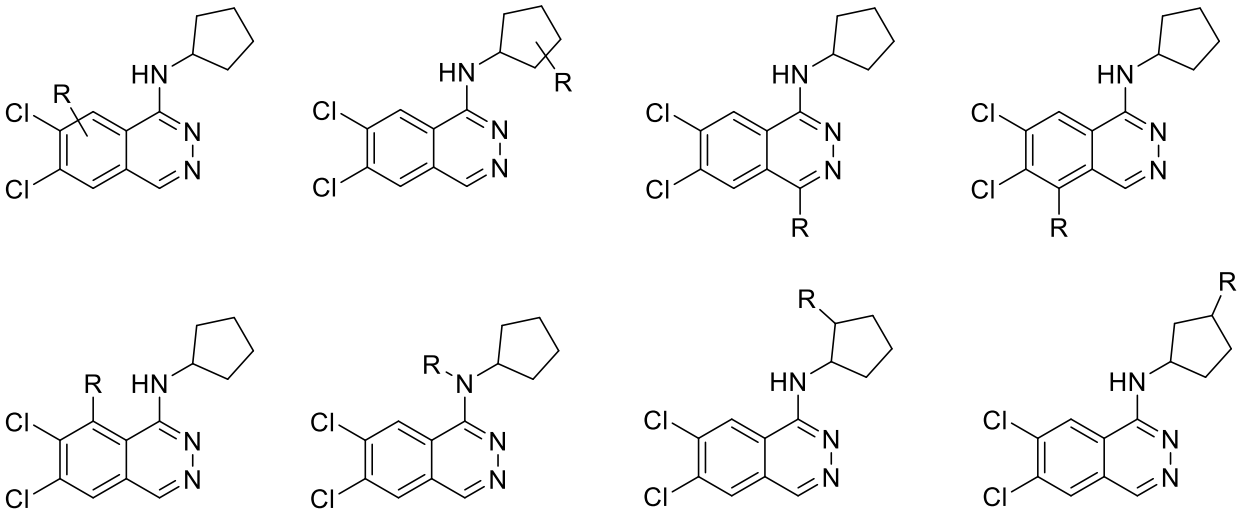


FIG. 4T

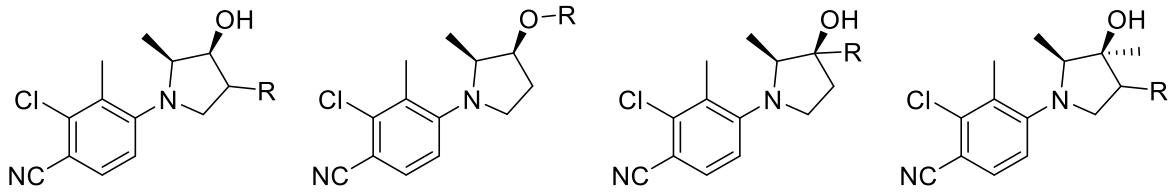


FIG. 4U

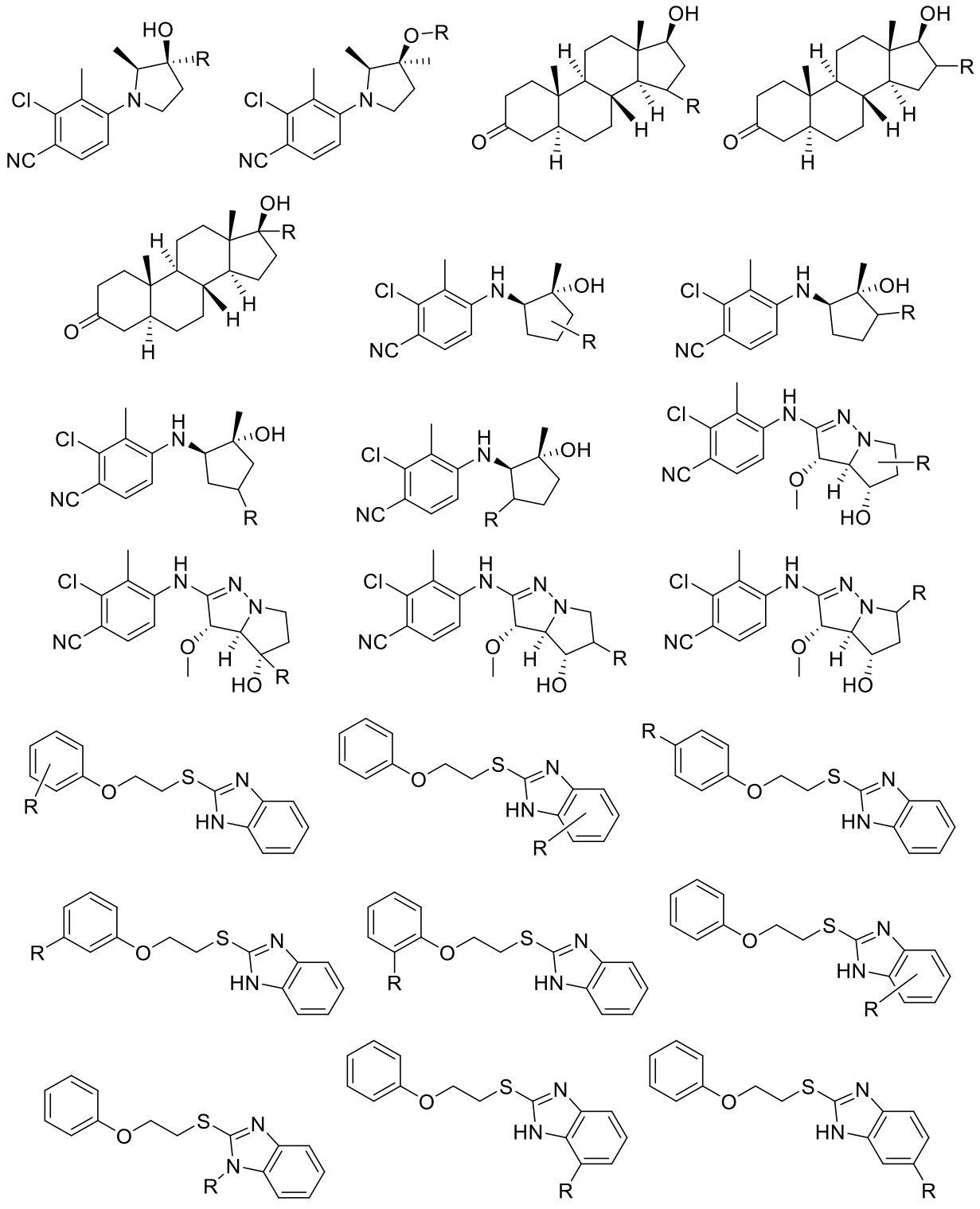


FIG. 4V

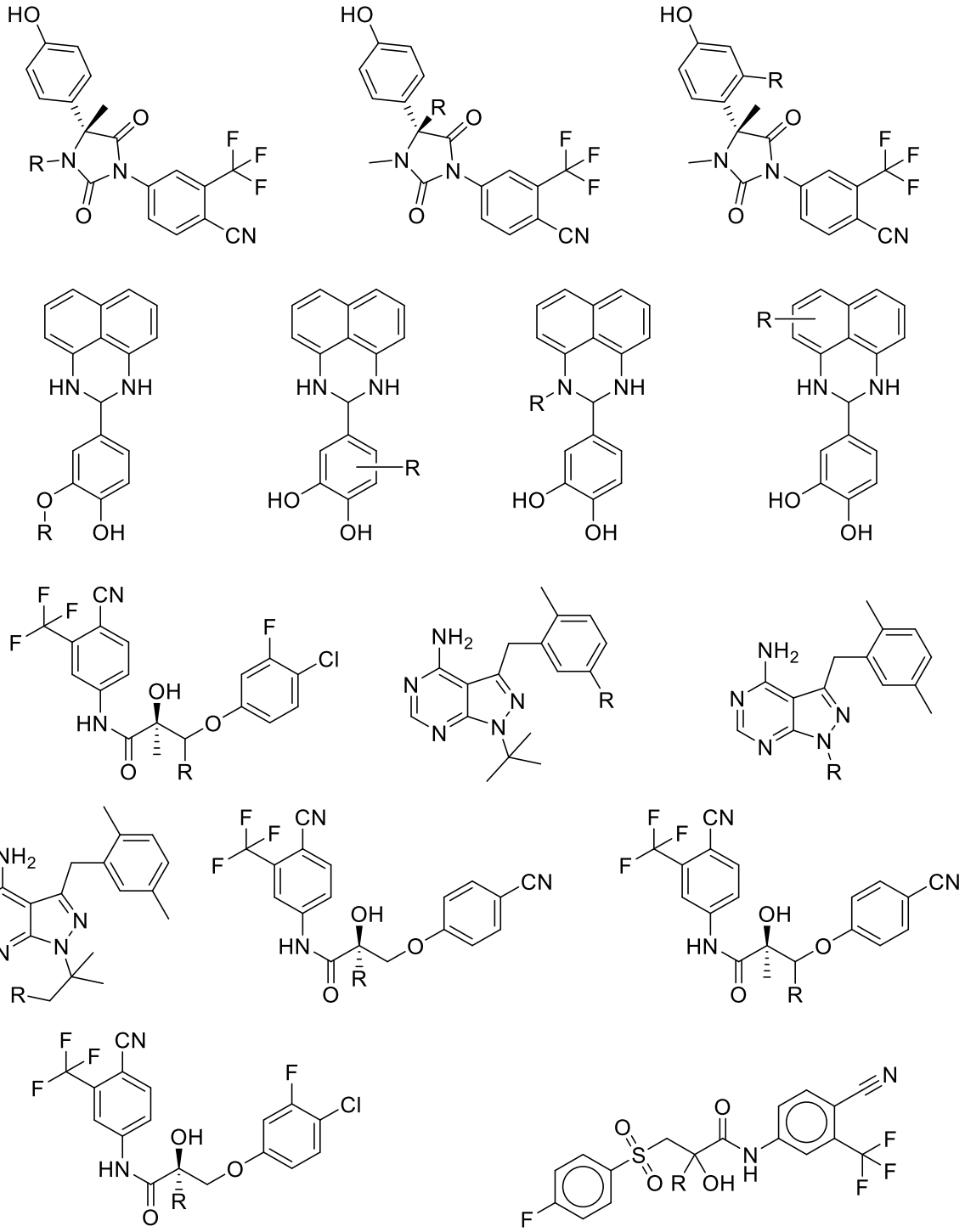


FIG. 4W

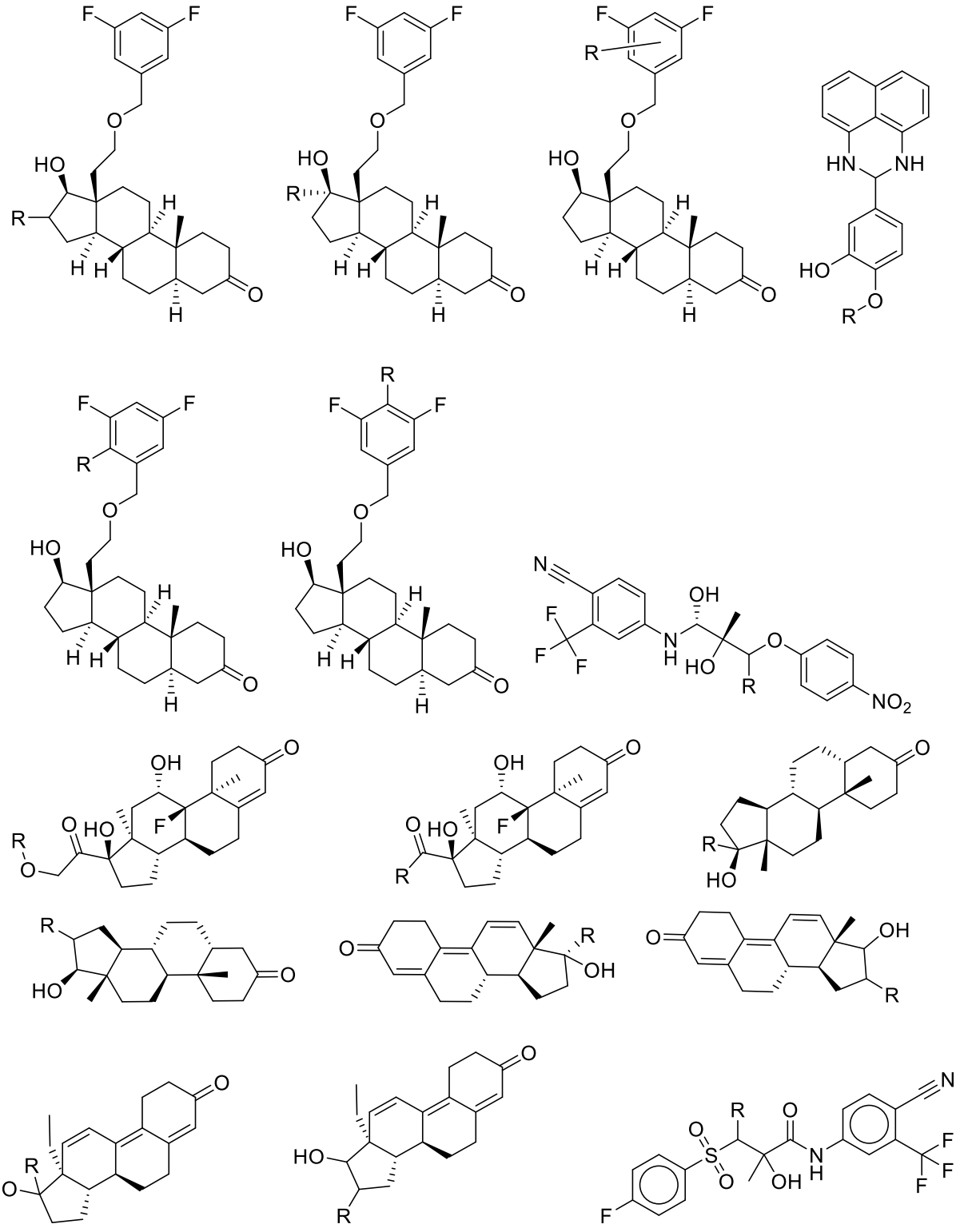


FIG. 4X

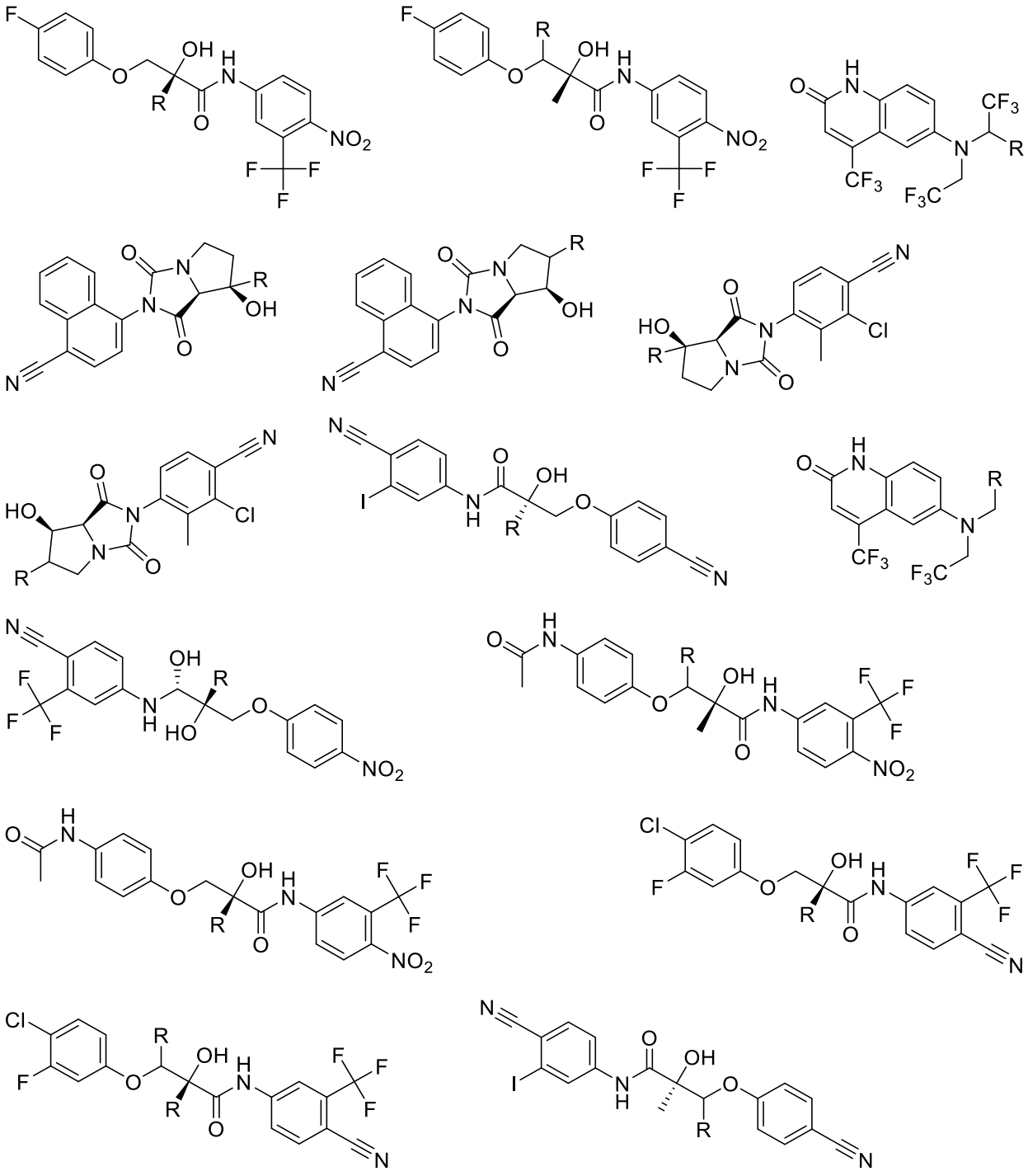


FIG. 4Y

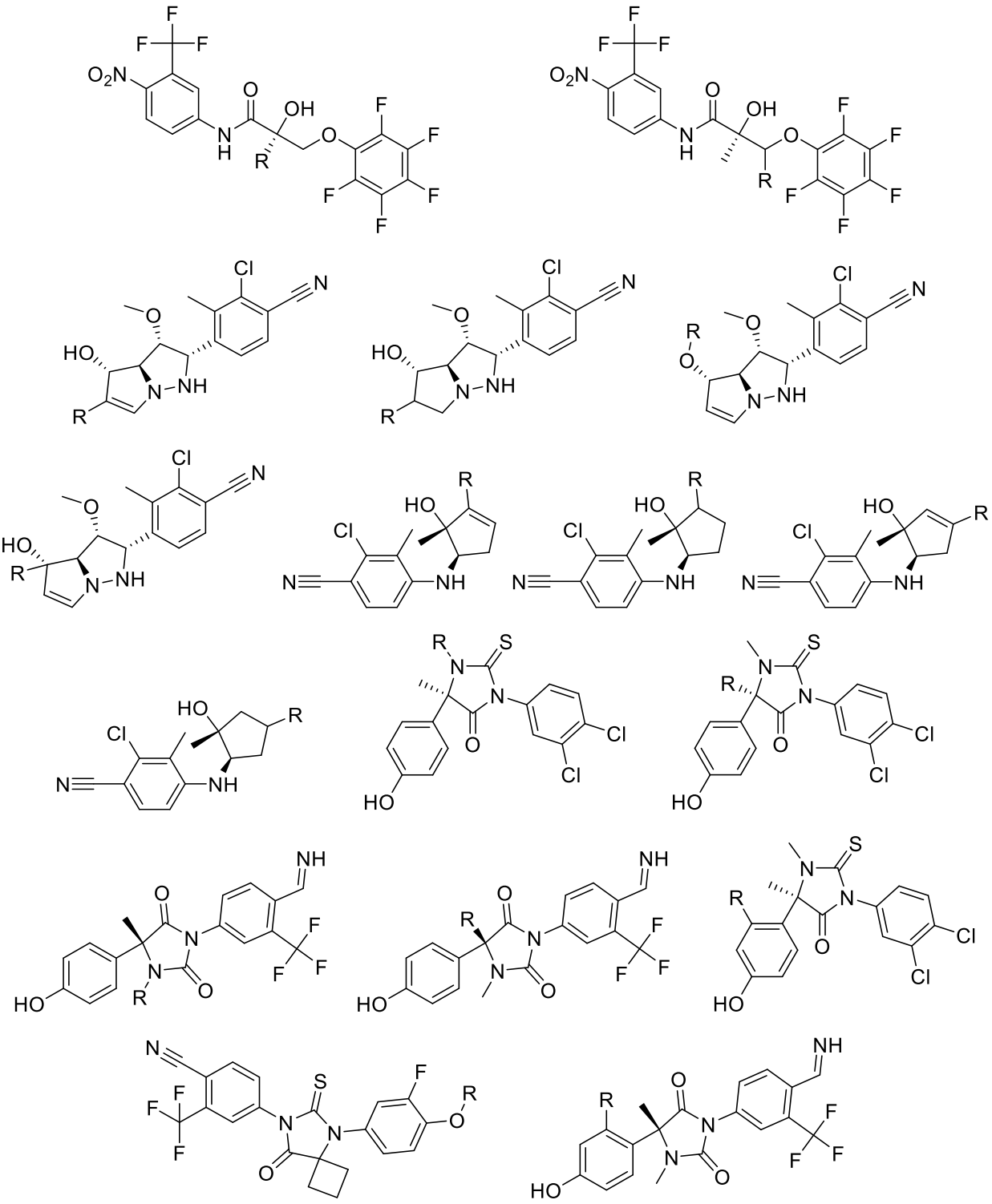


FIG. 4Z

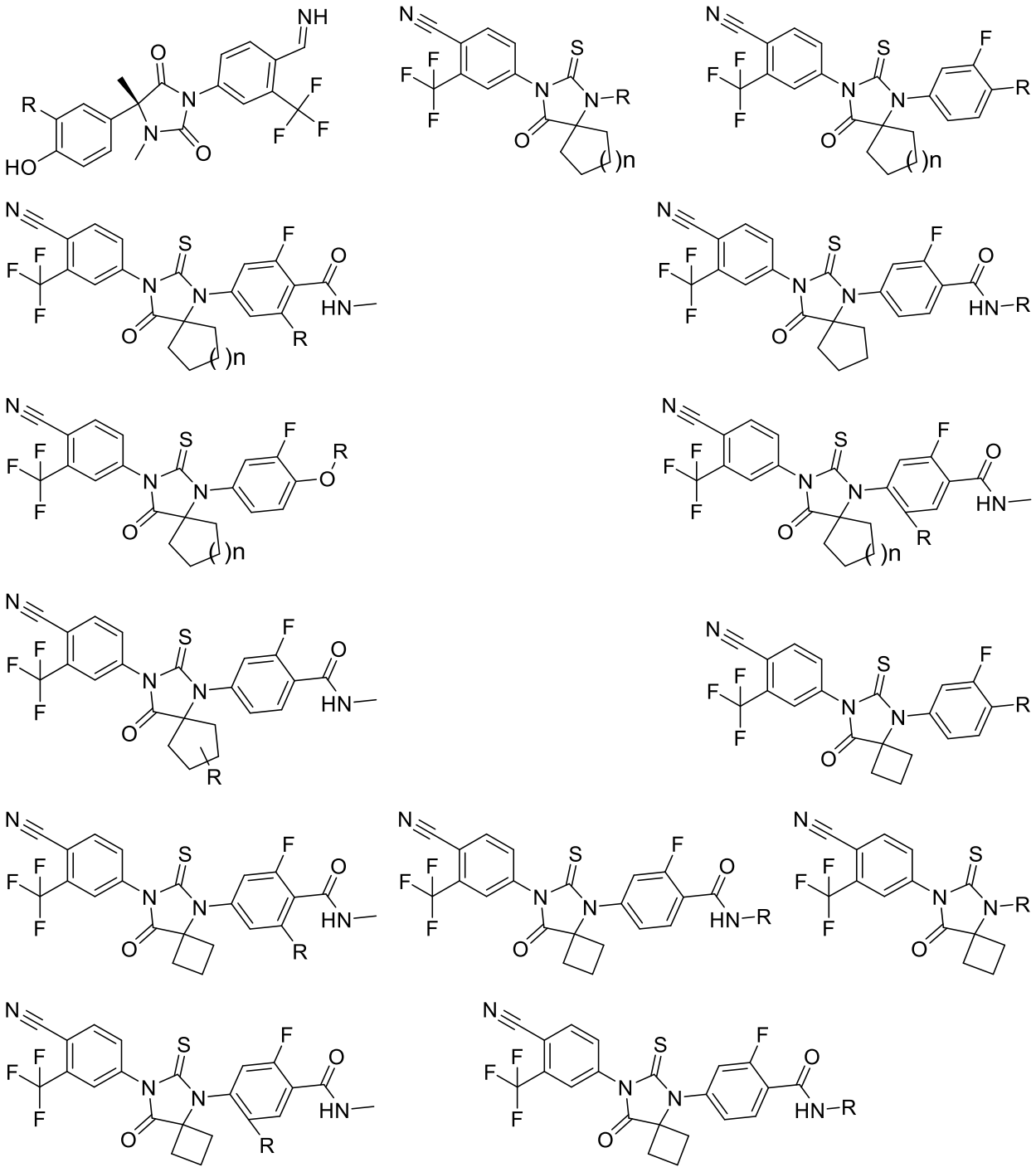


FIG. 4AA

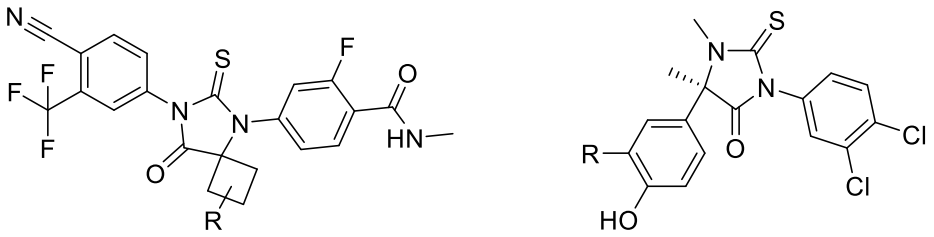


FIG. 4BB

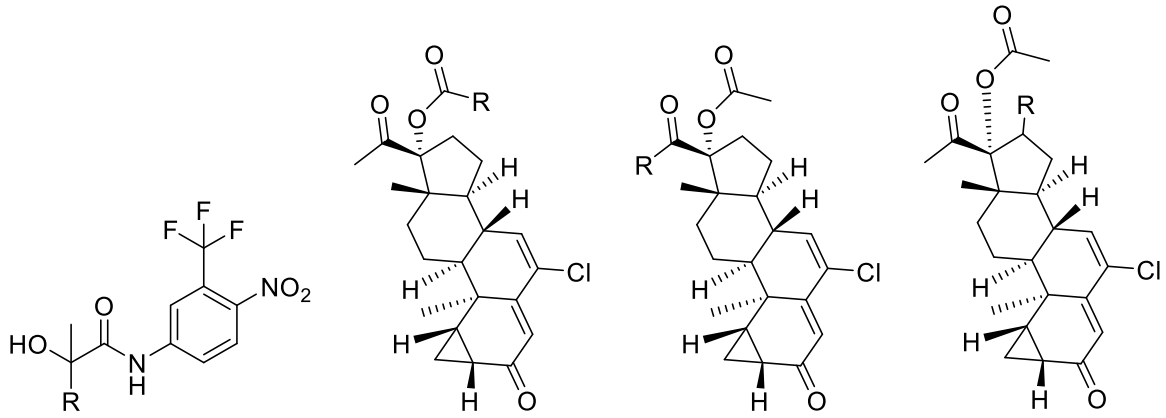


FIG. 4CC



FIG. 4DD

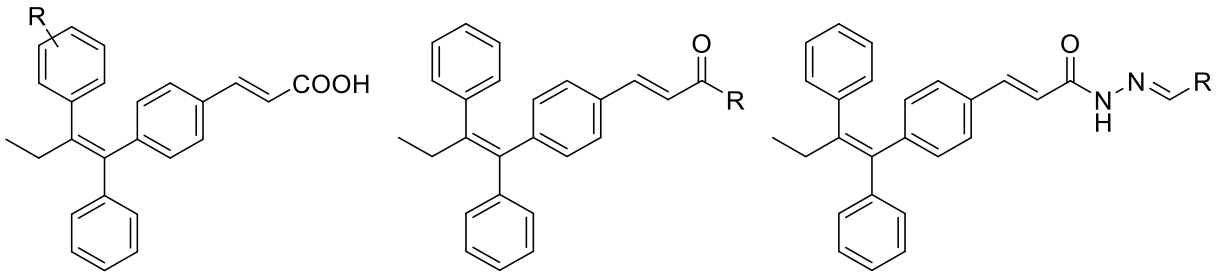


FIG. 4EE

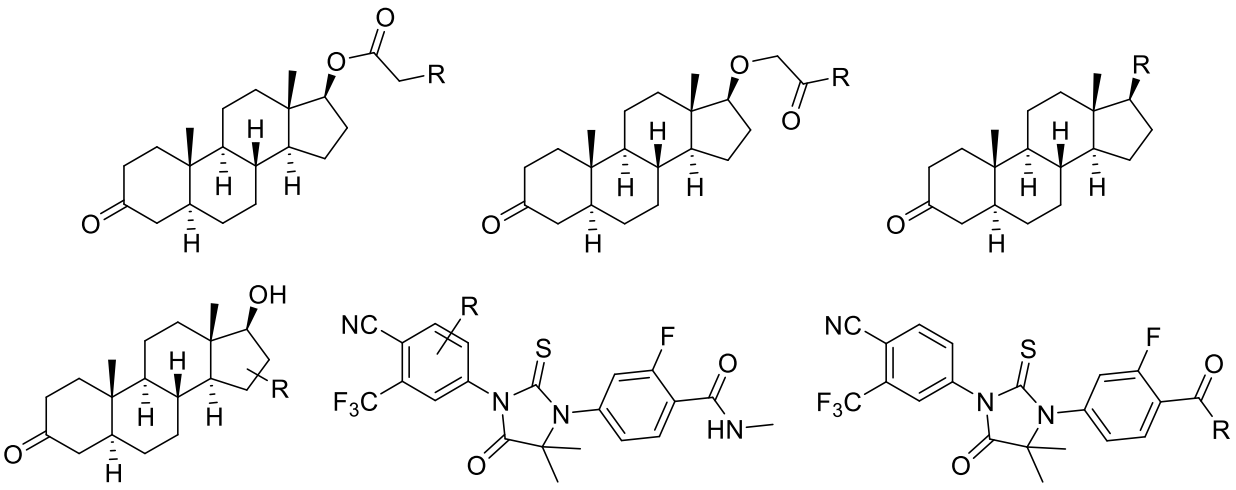


FIG. 5A

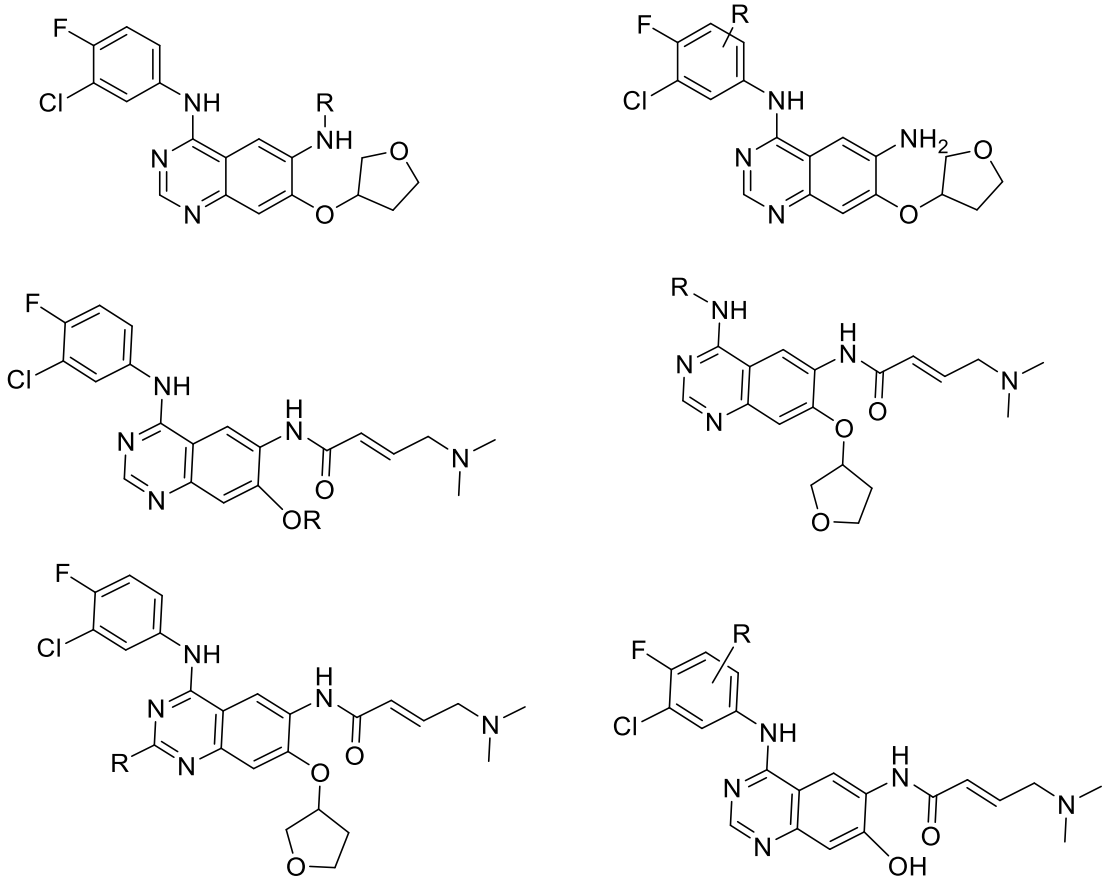


FIG. 5B

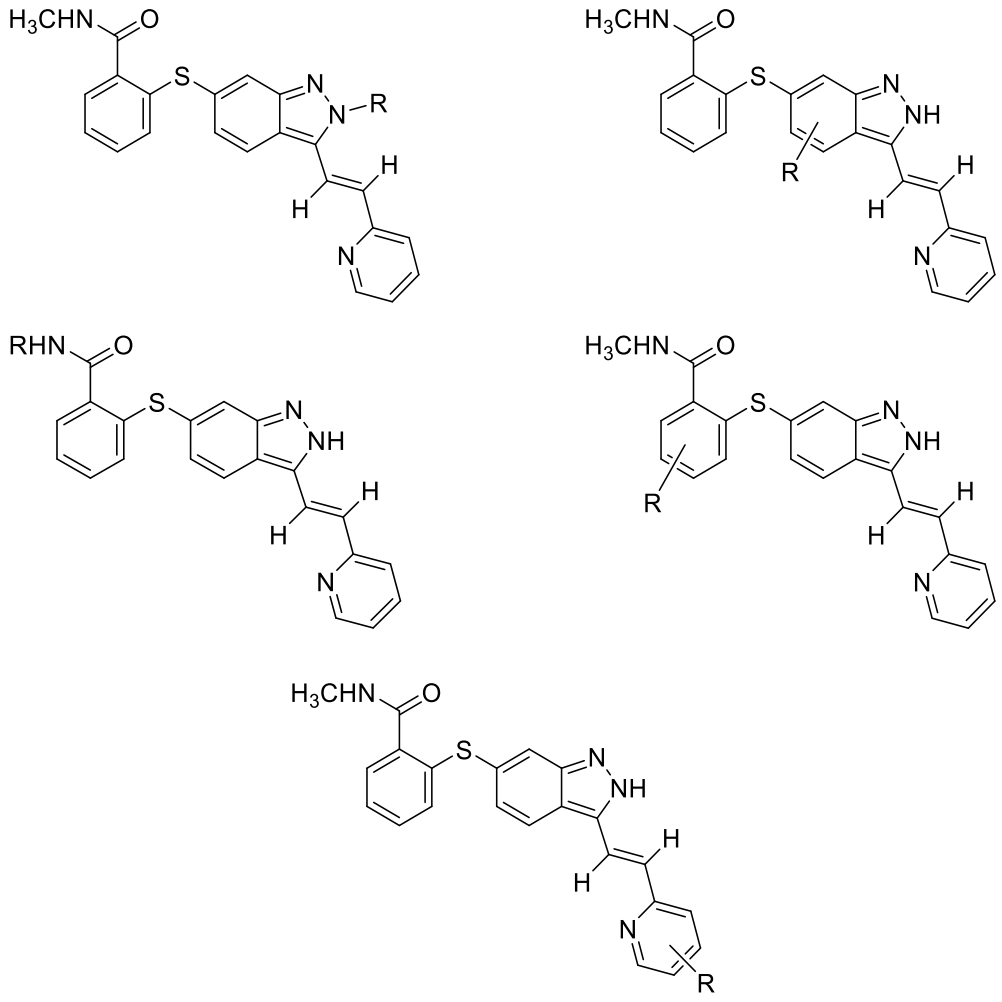


FIG. 5C

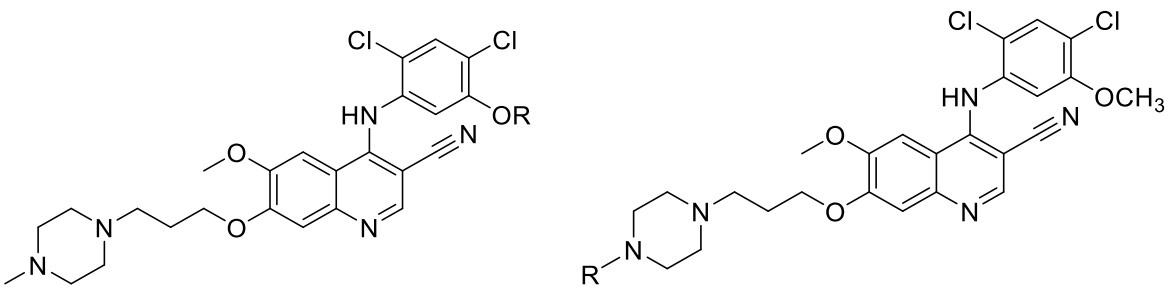


FIG. 5D

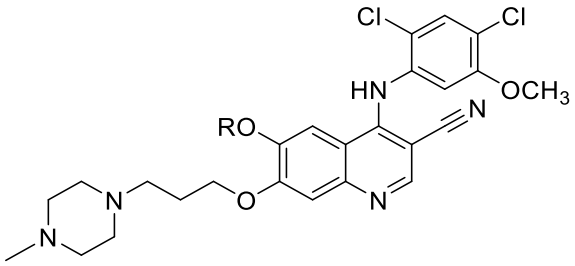


FIG. 5E

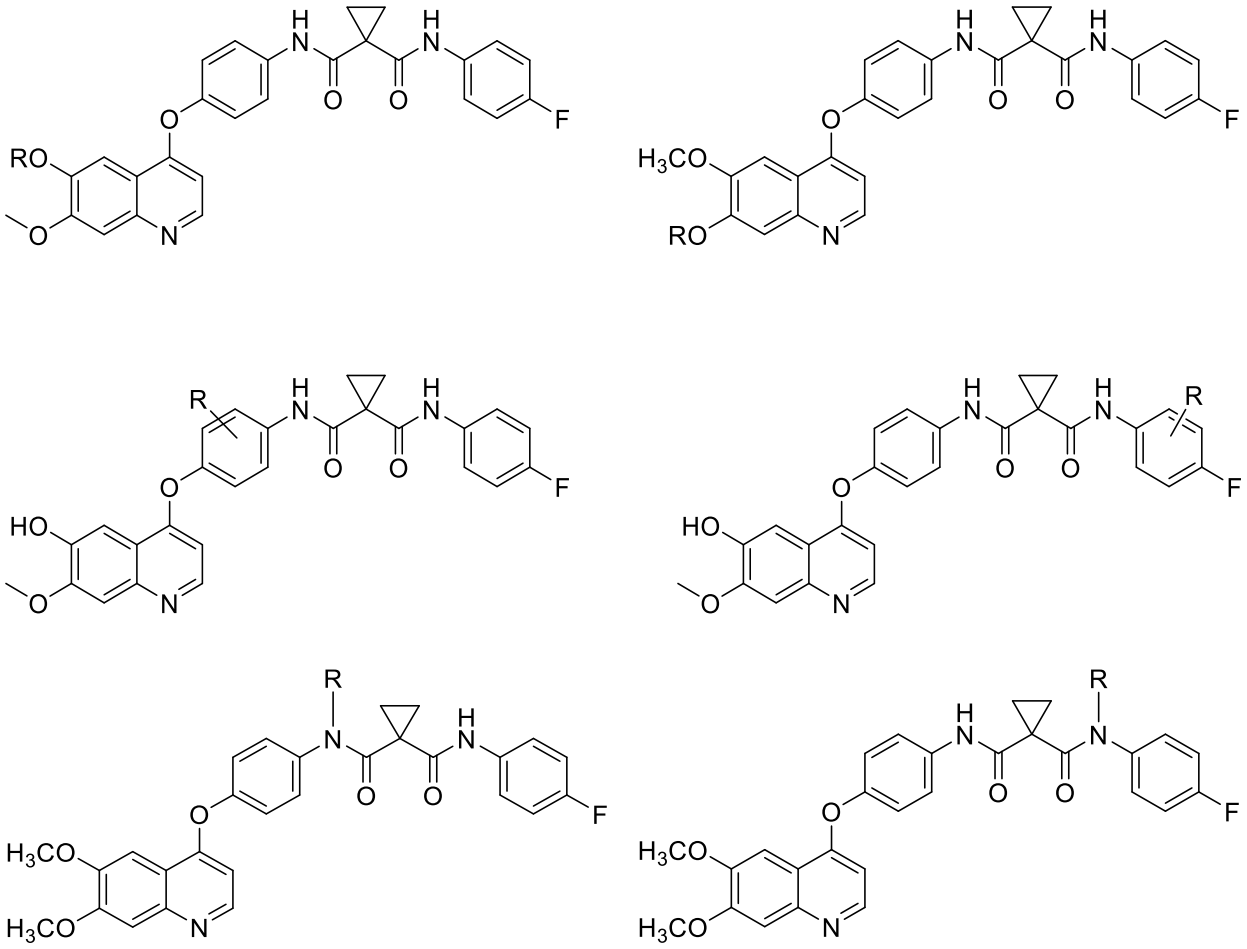


FIG. 5F

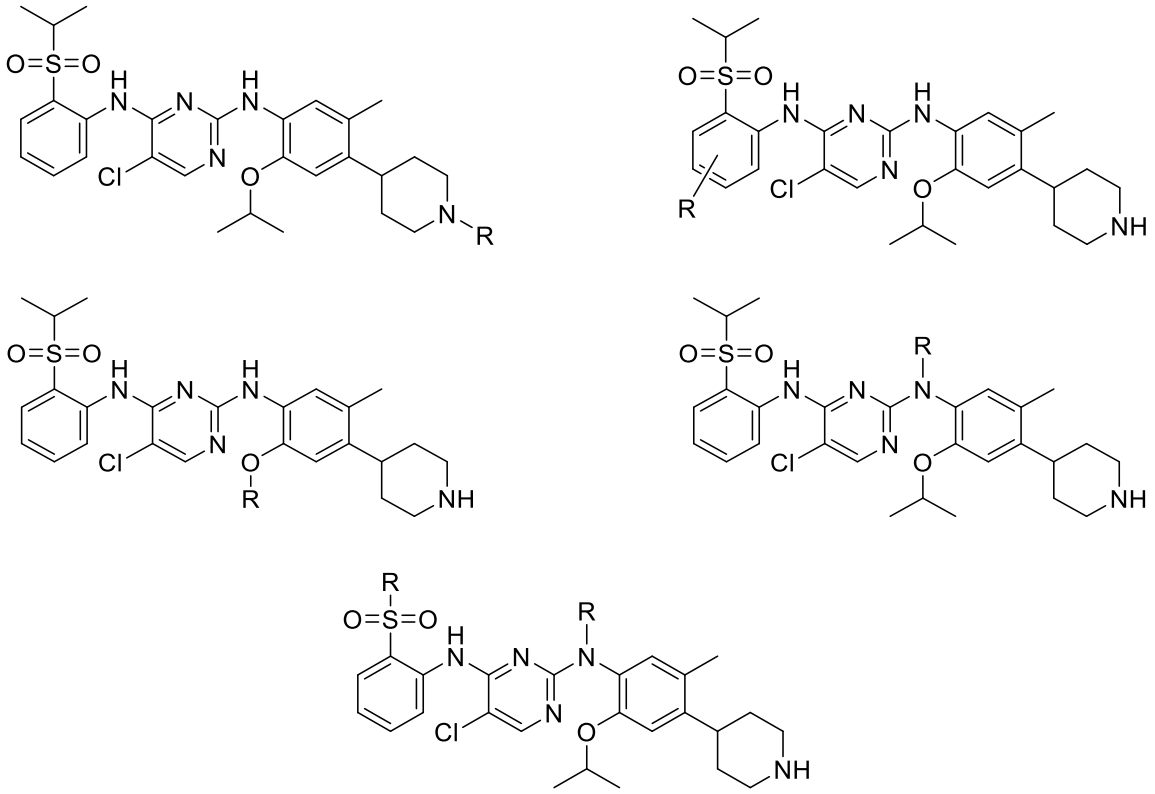


FIG. 5G

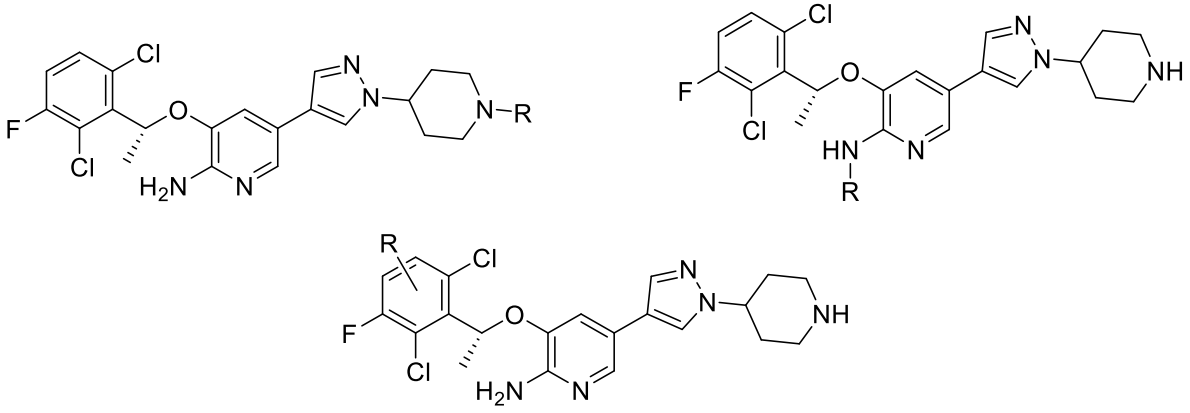


FIG. 5H

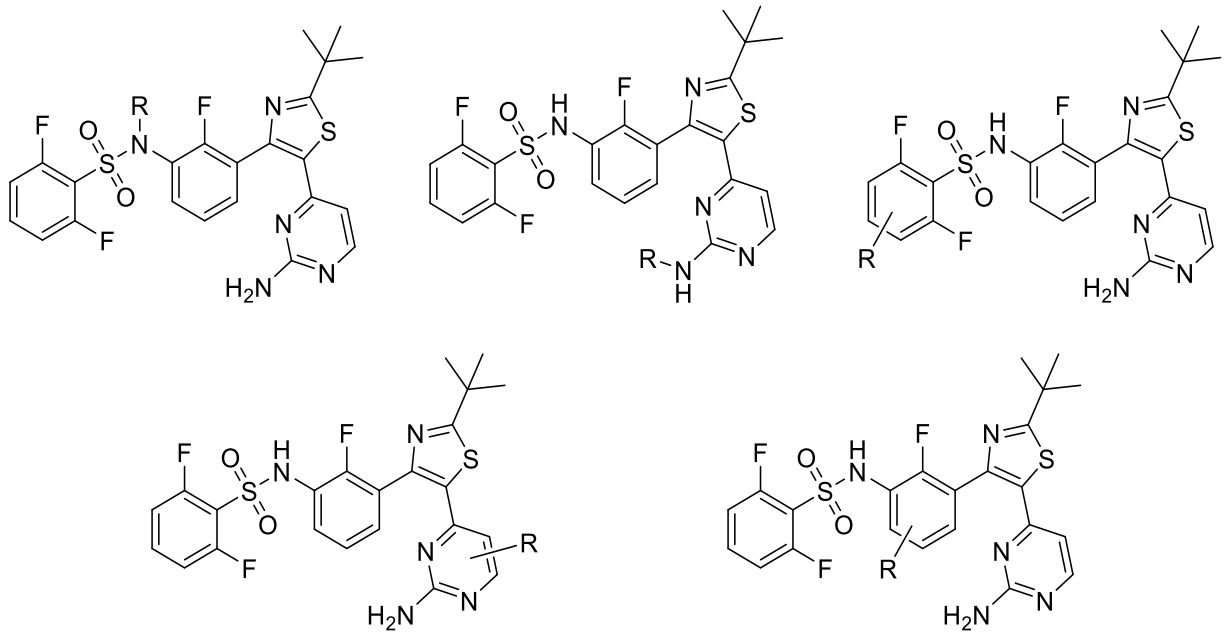


FIG. 5I

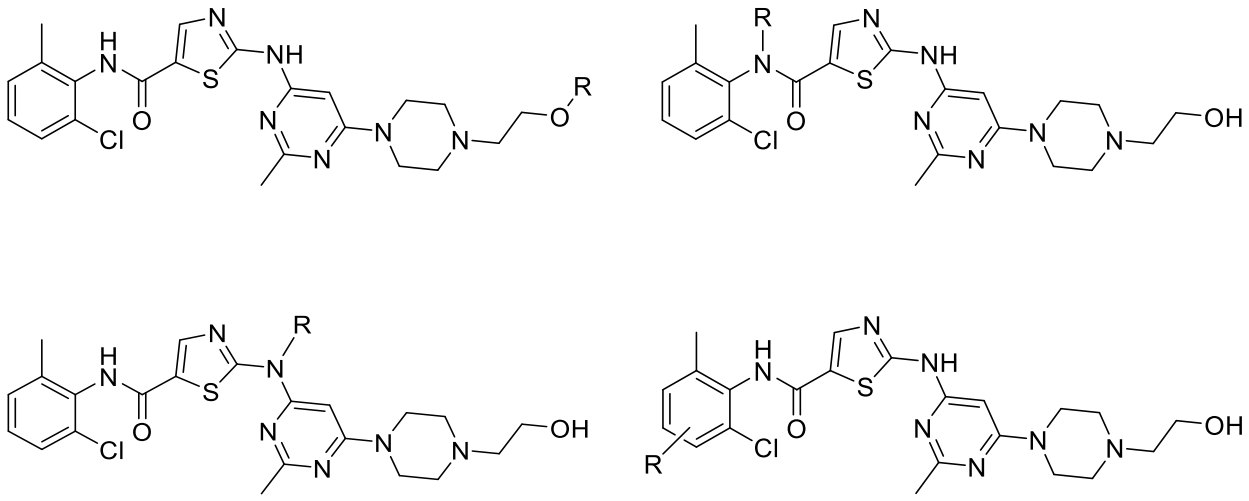


FIG. 5J

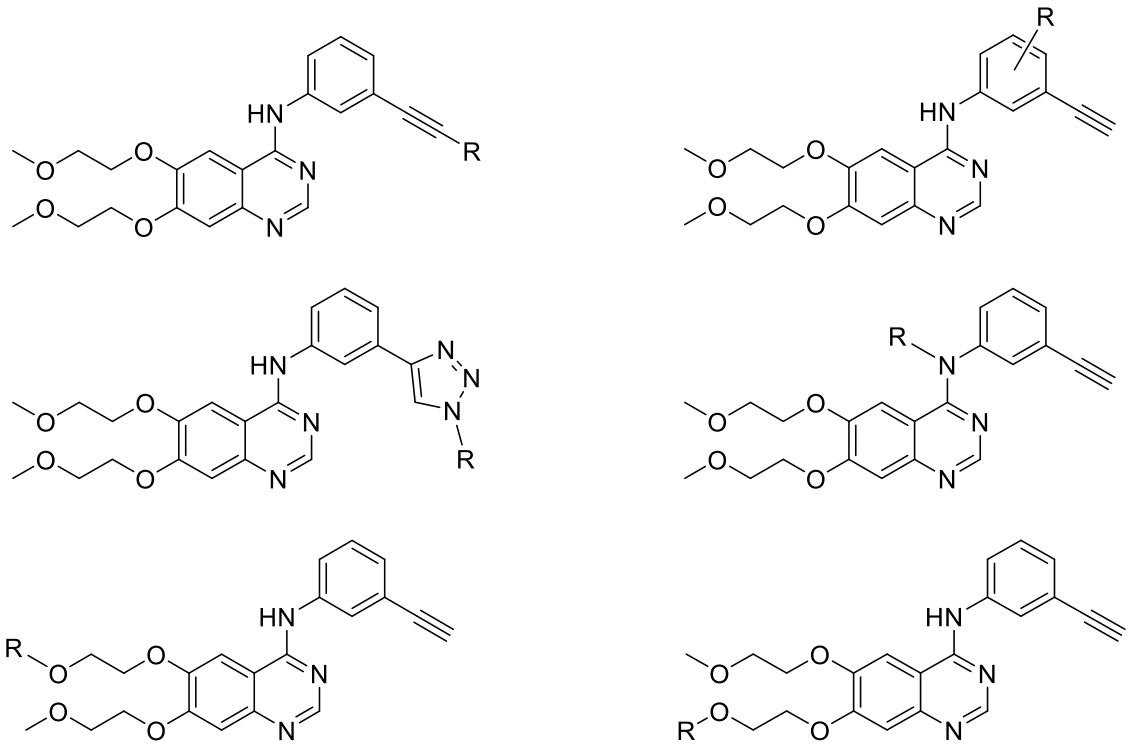


FIG. 5K

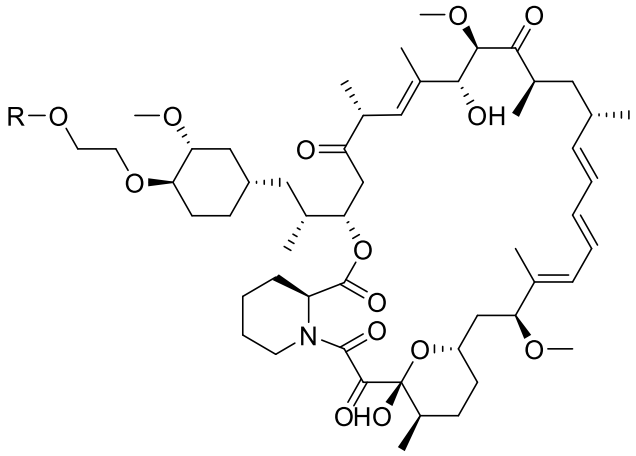


FIG. 5L

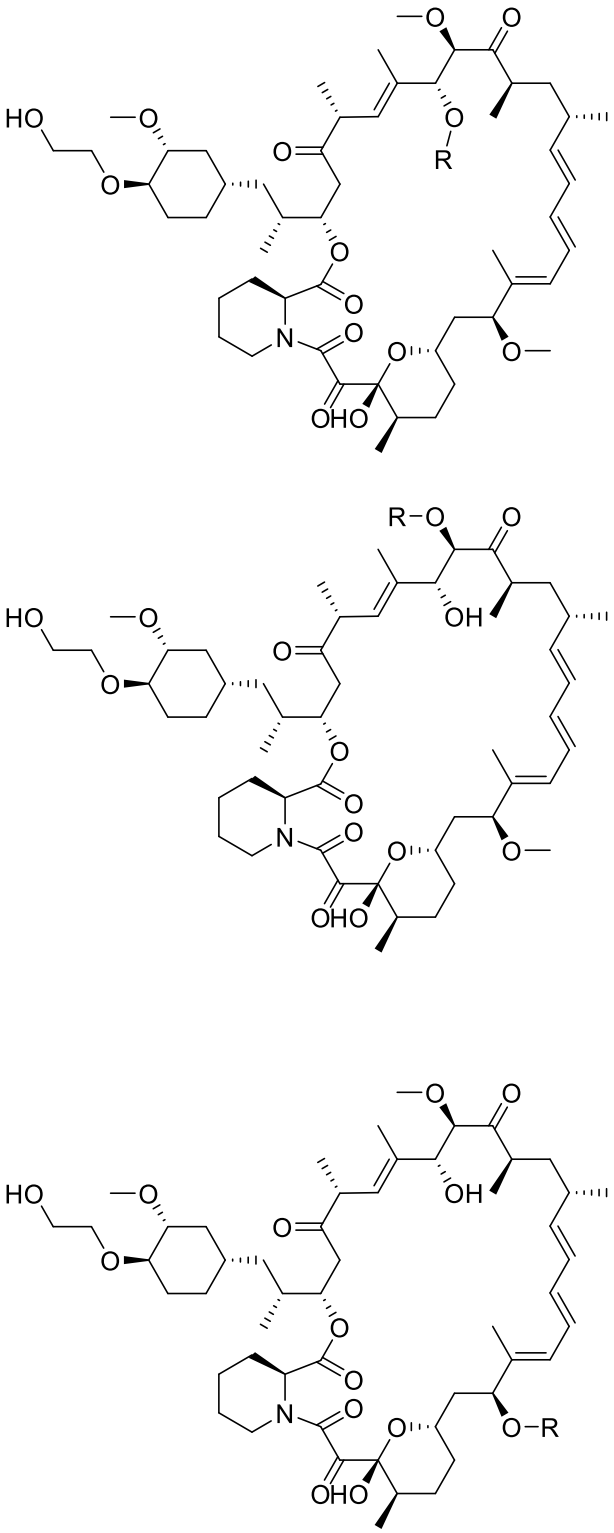


FIG. 5M

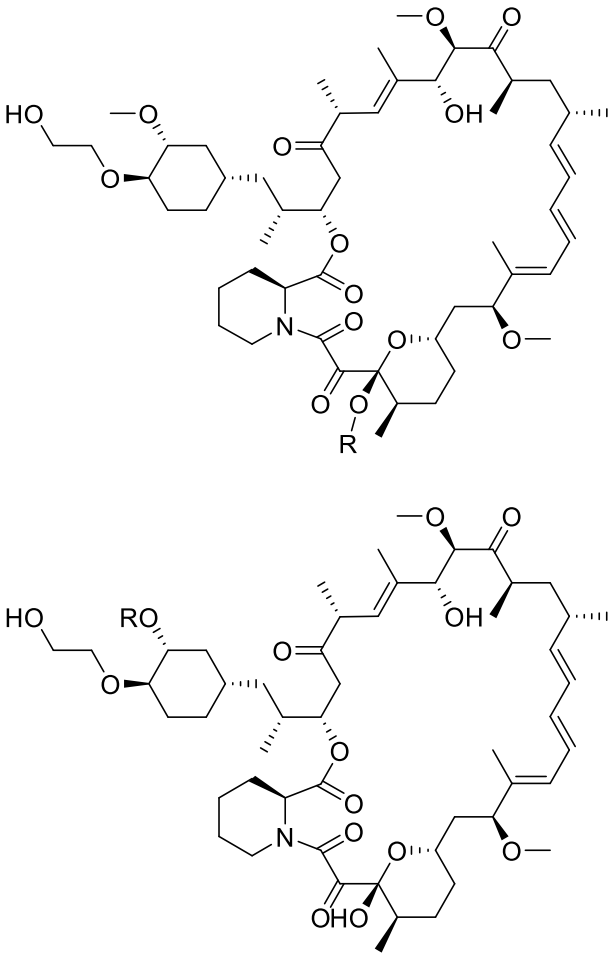


FIG. 5N

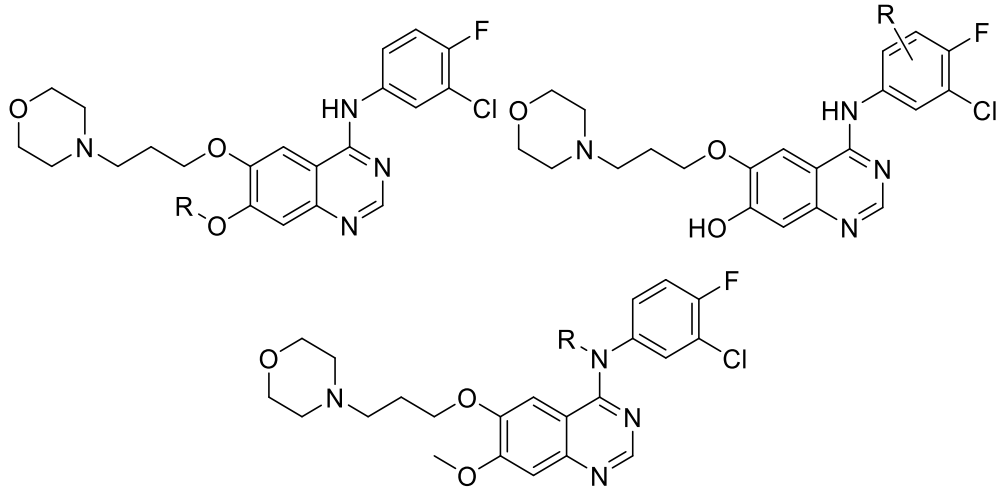


FIG. 5O

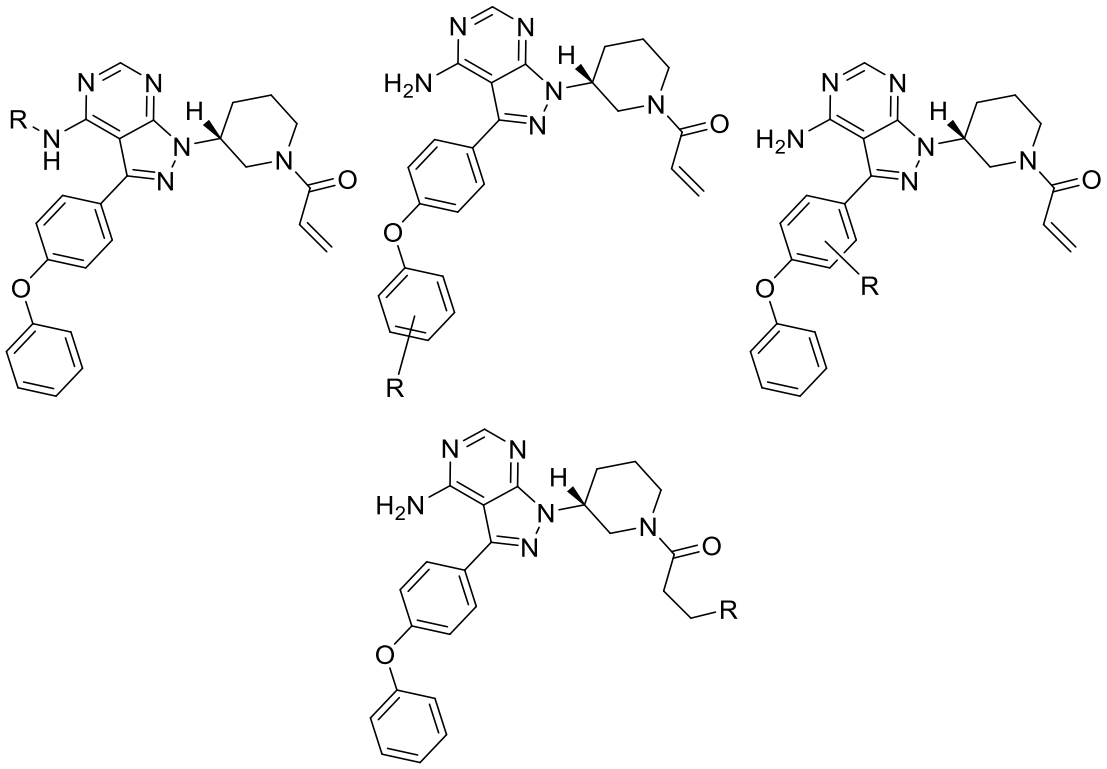


FIG. 5P

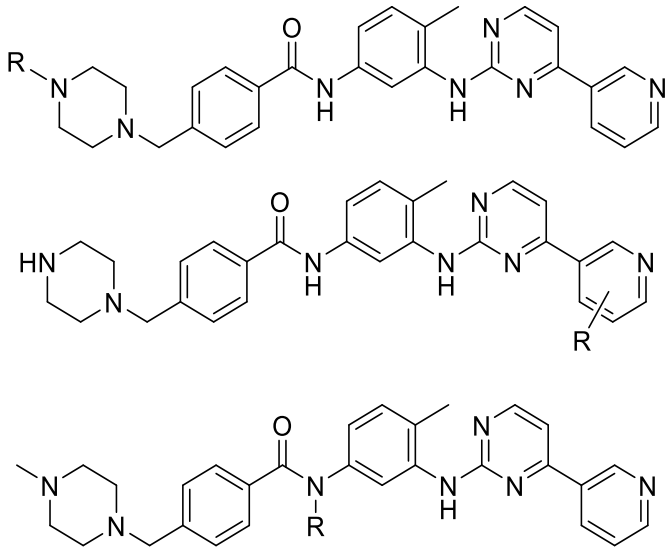


FIG. 5Q

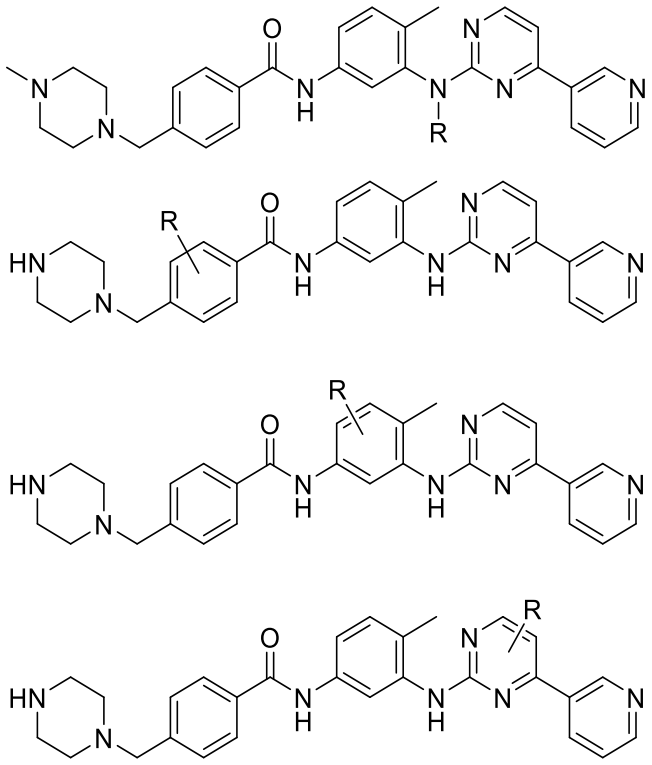


FIG. 5R

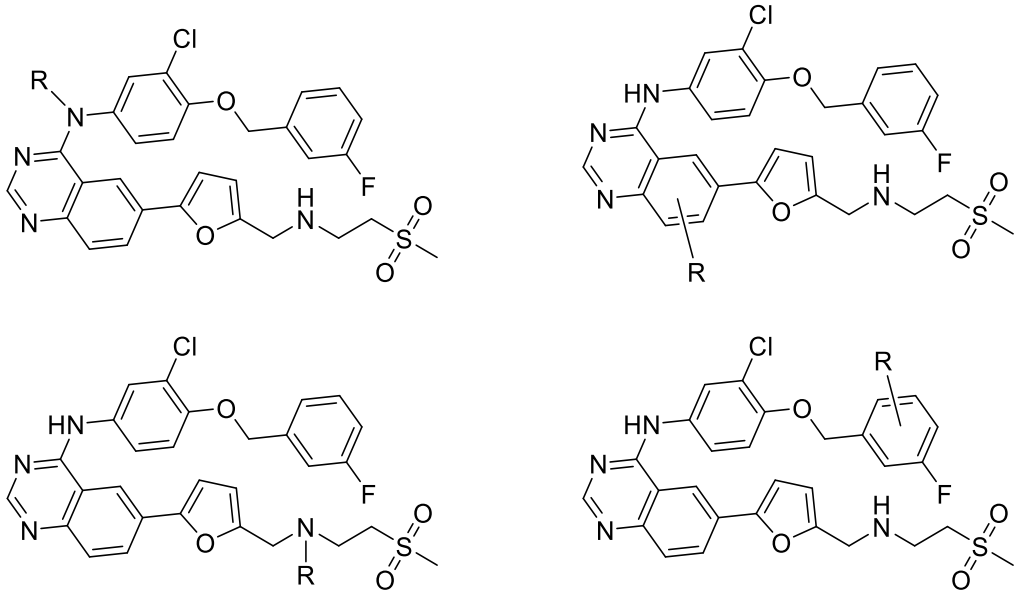


FIG. 5S

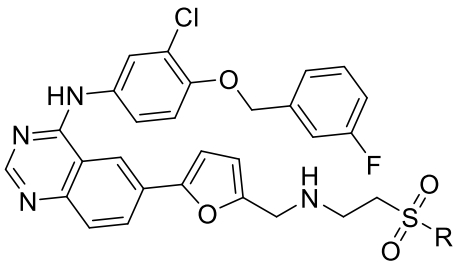


FIG. 5T

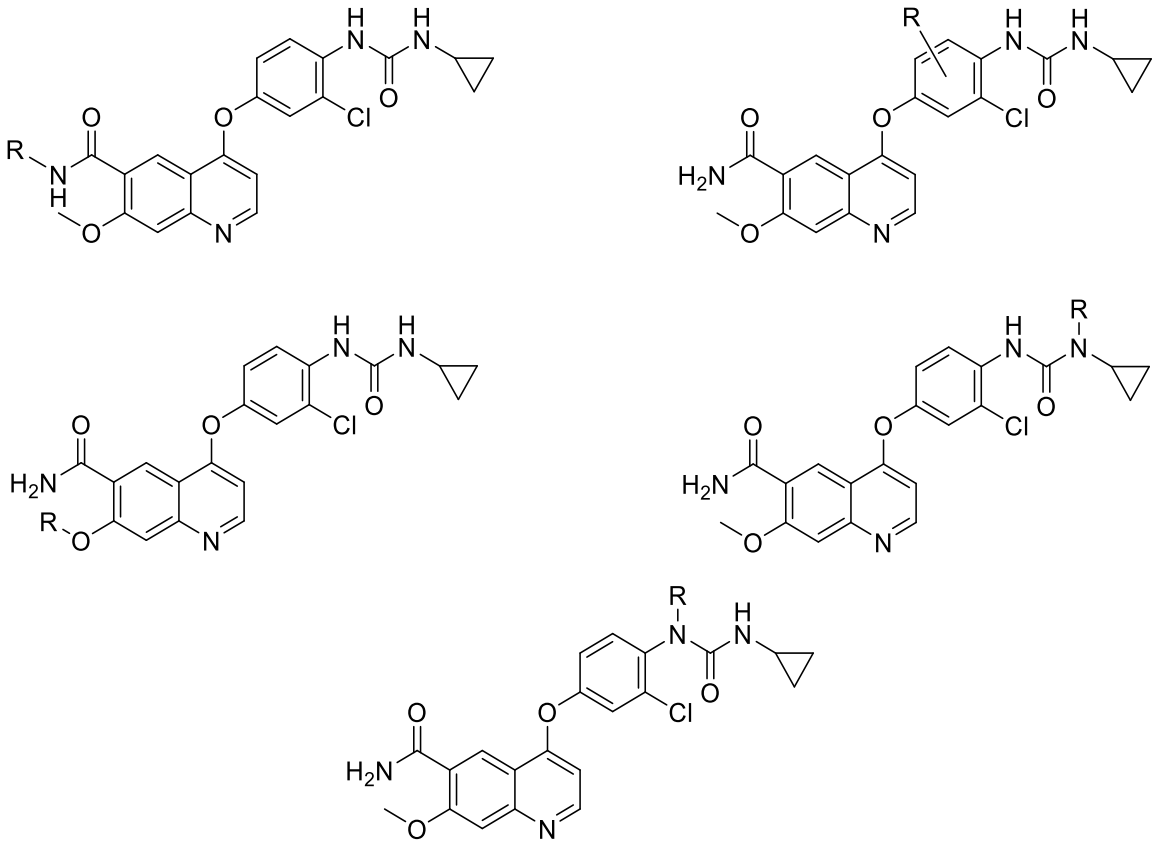


FIG. 5U

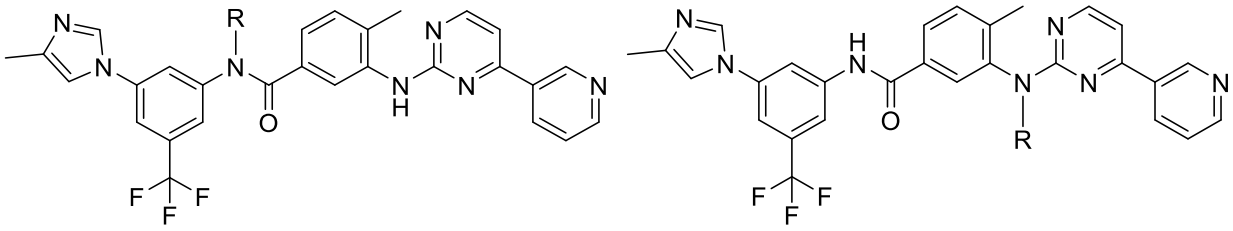


FIG. 5V

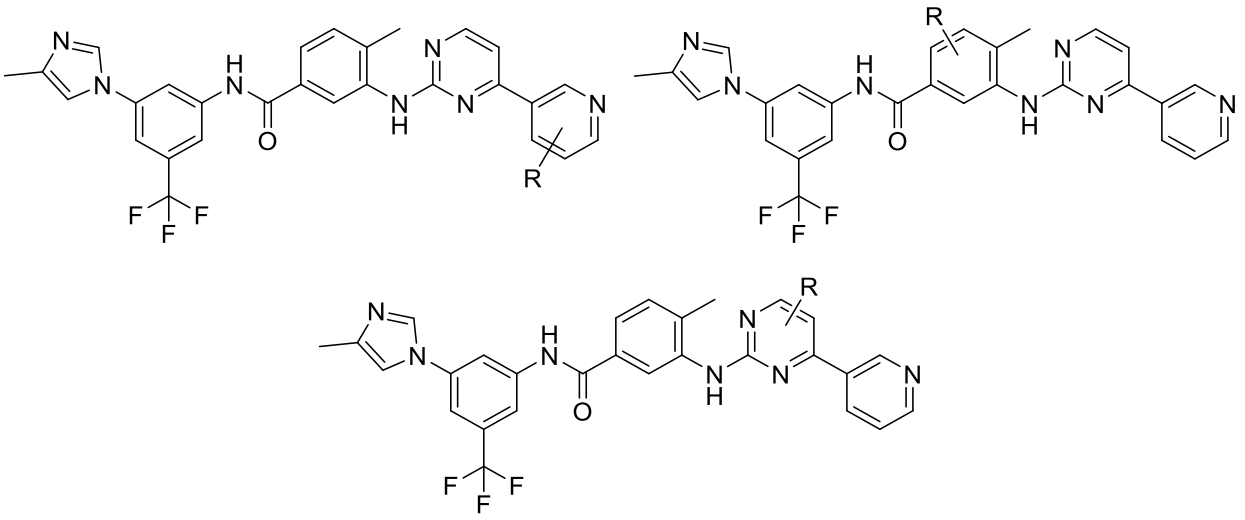


FIG. 5W

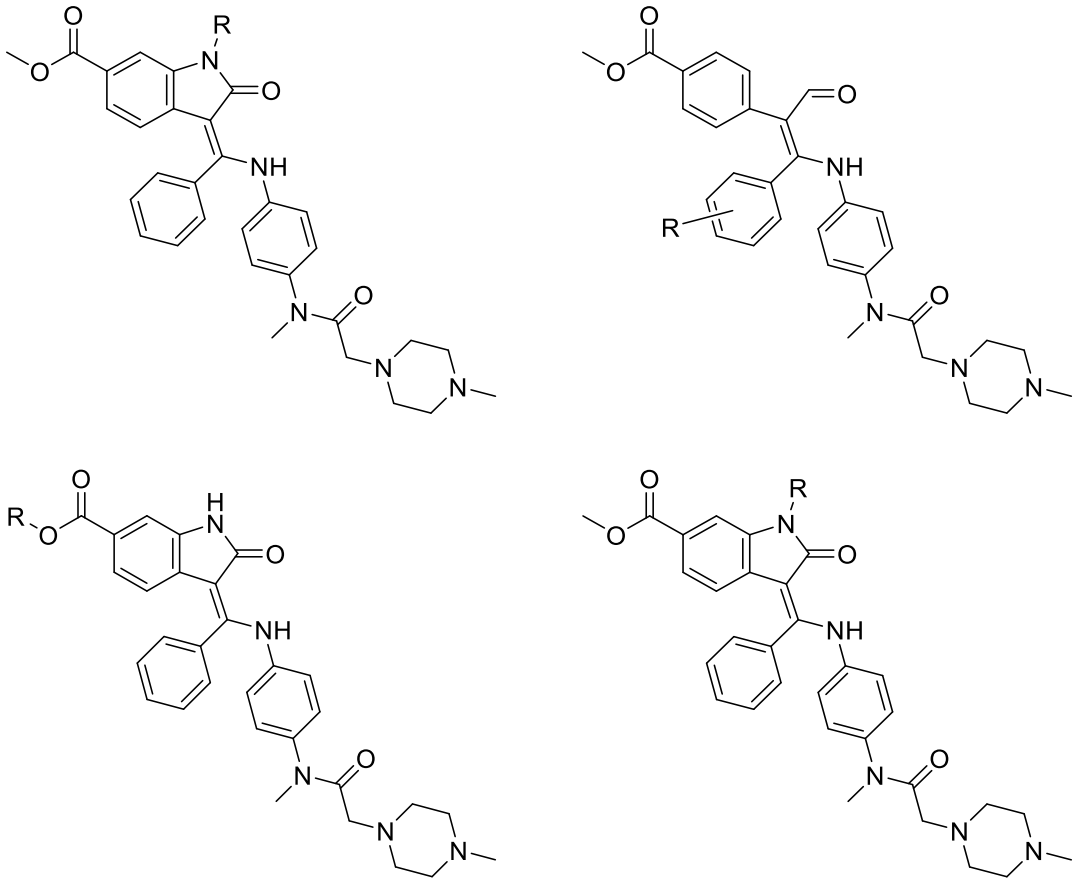


FIG. 5X

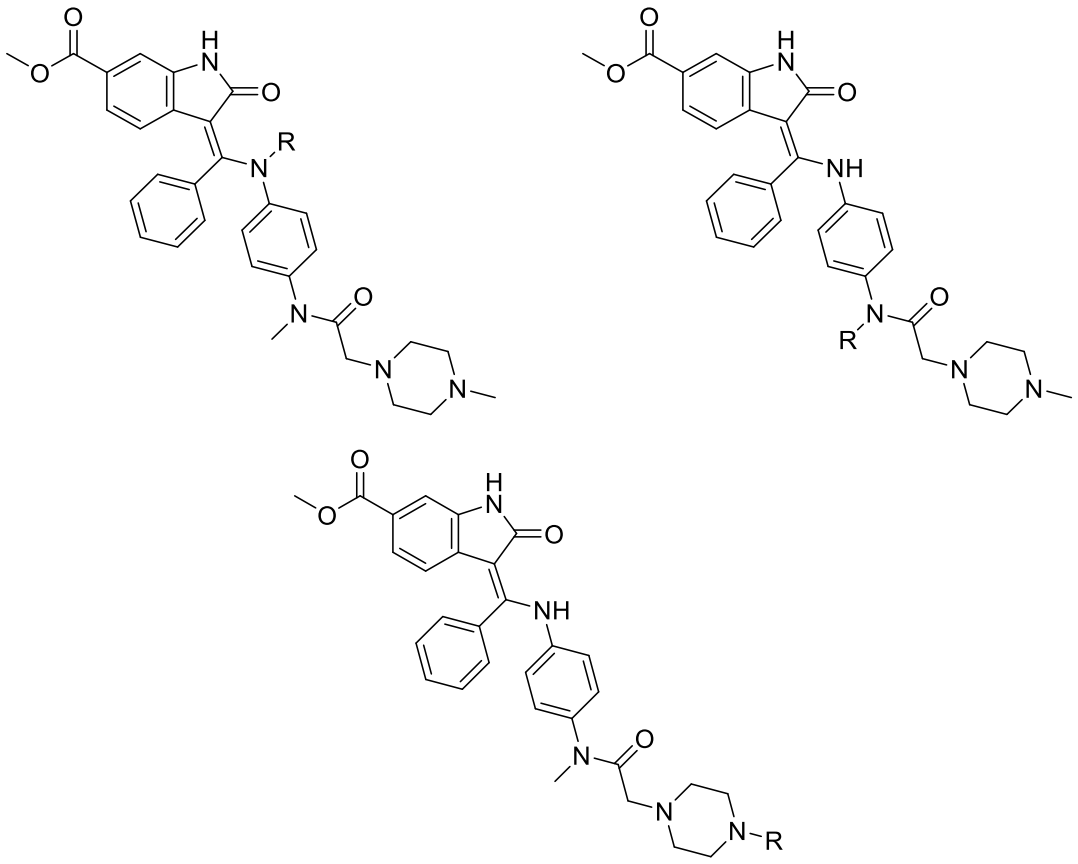


FIG. 5Y

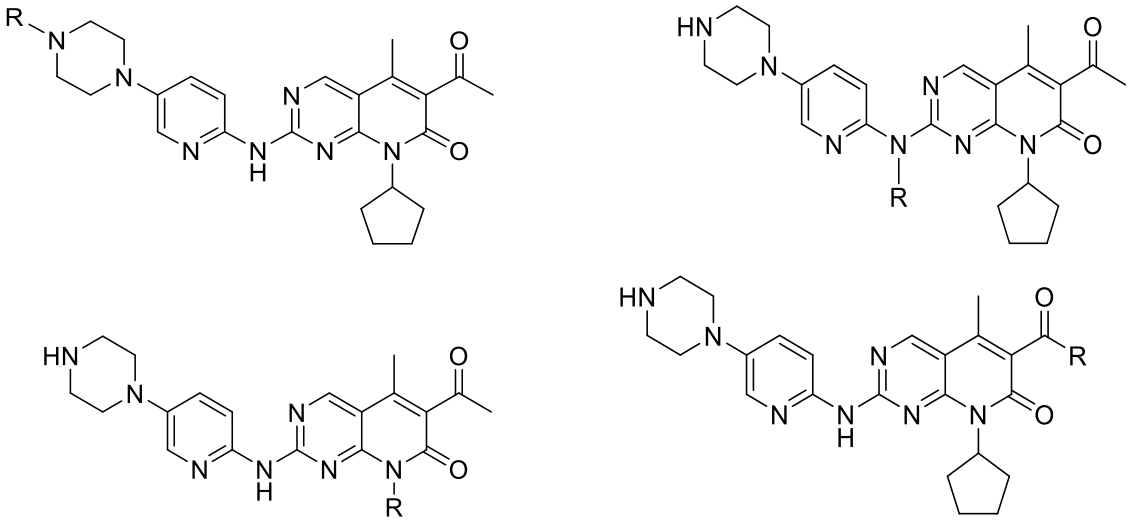


FIG. 5Z

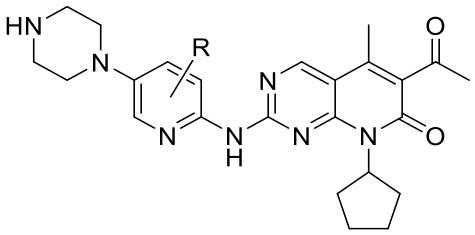


FIG. 5AA

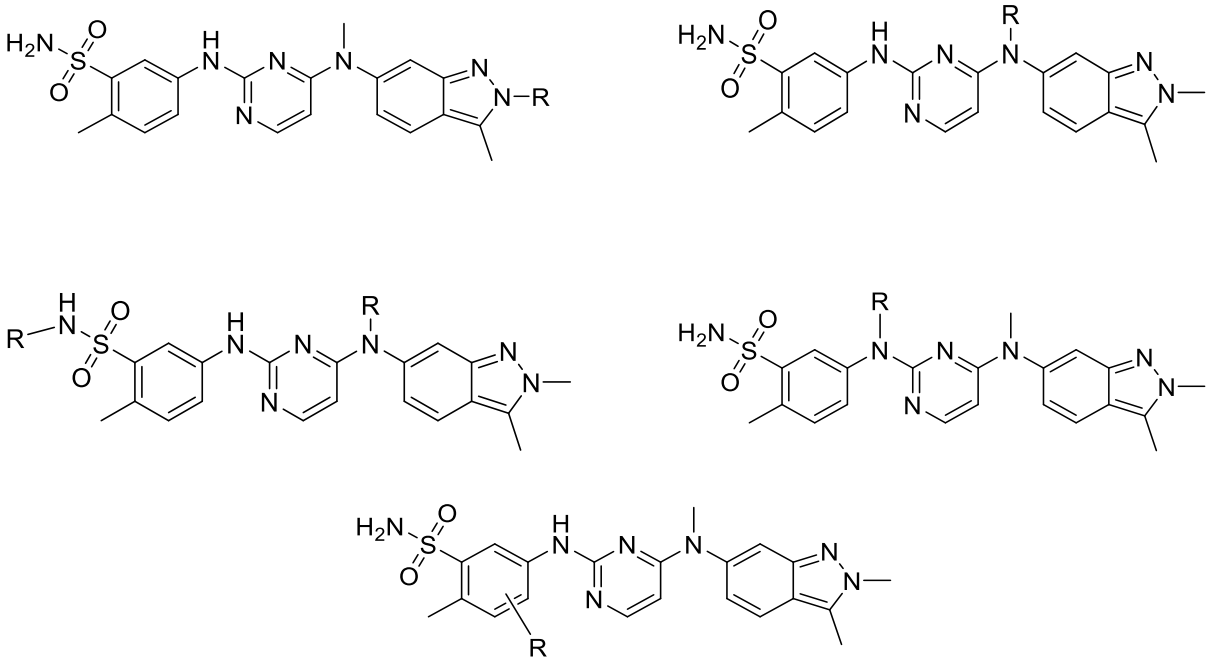


FIG. 5BB

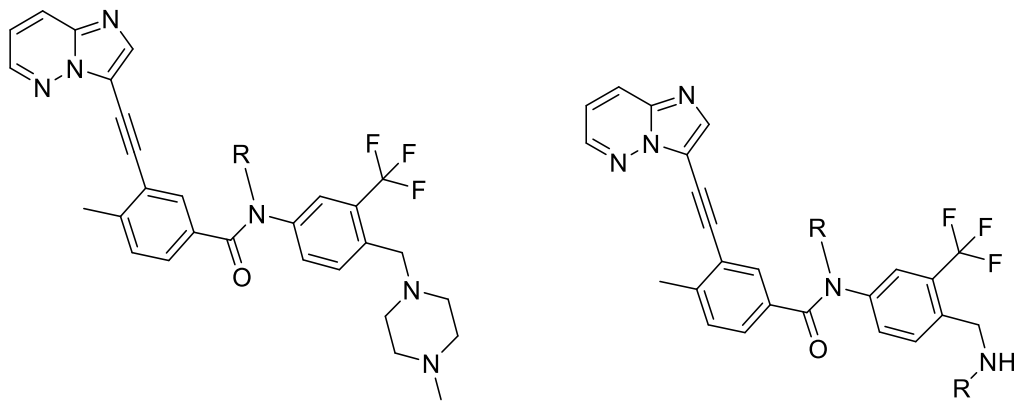


FIG. 5CC

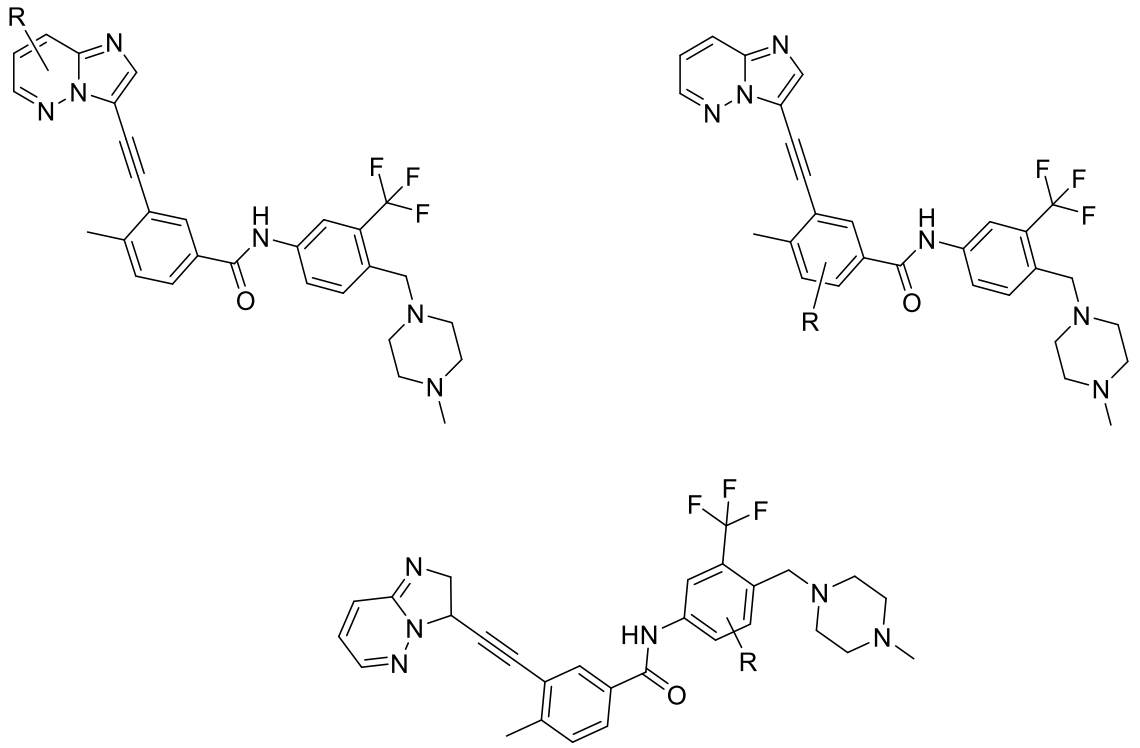


FIG. 5DD

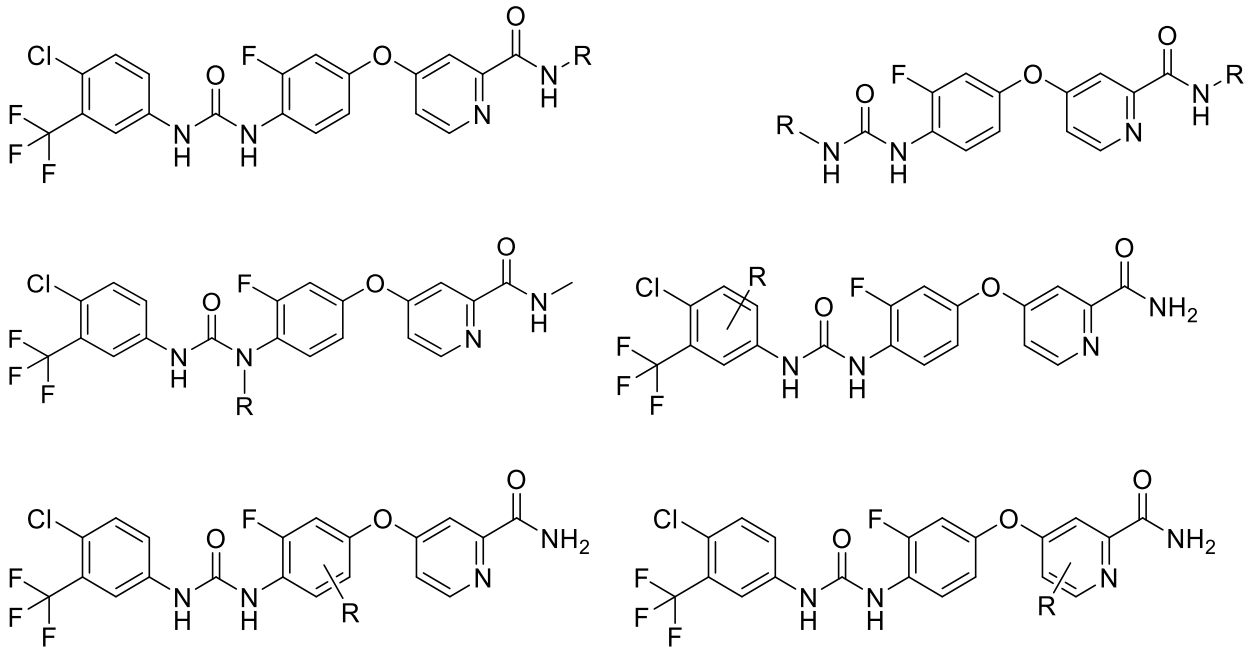


FIG. 5EE

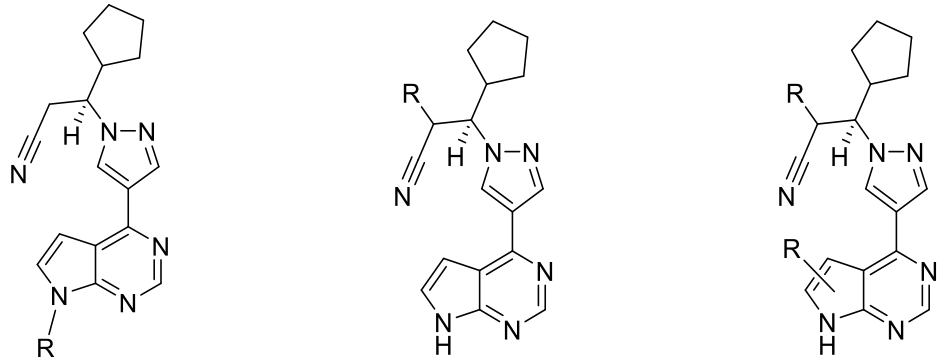


FIG. 5FF

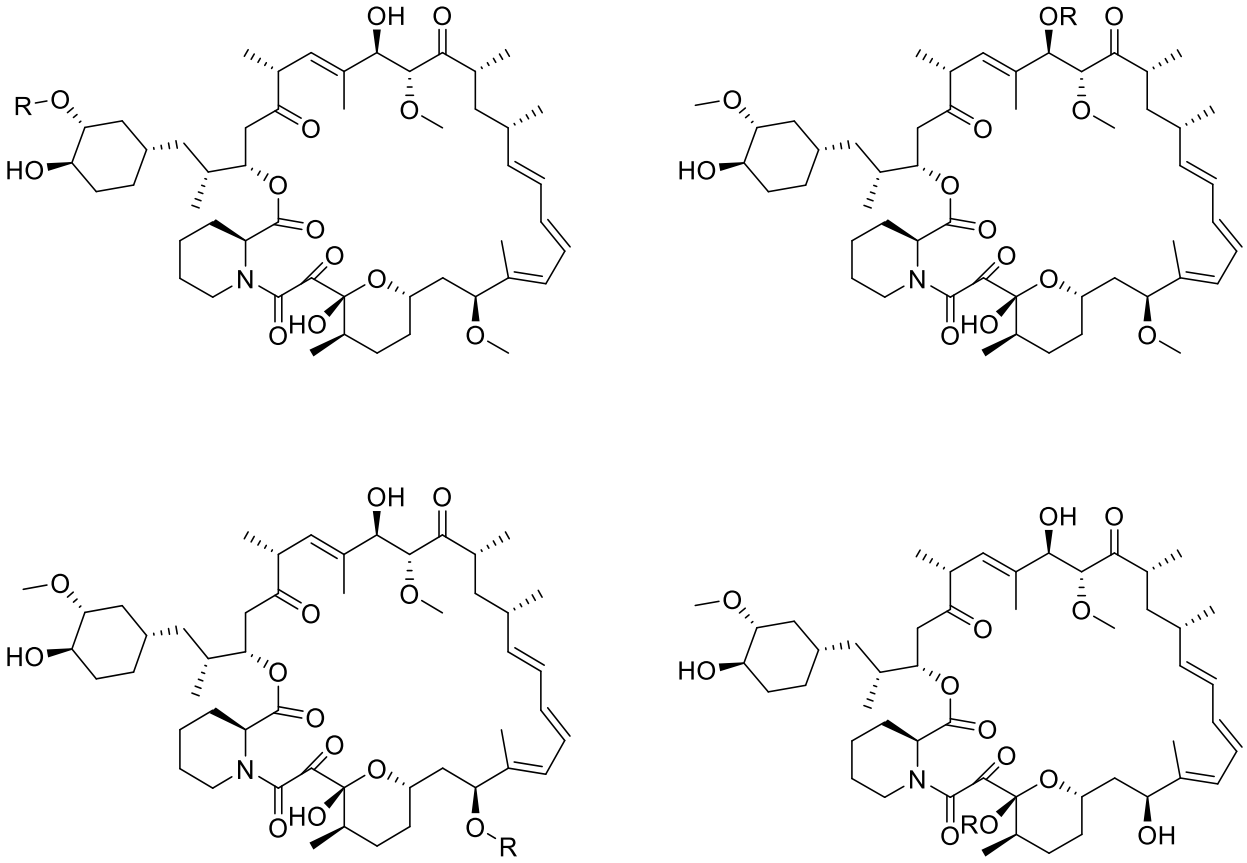


FIG. 5GG

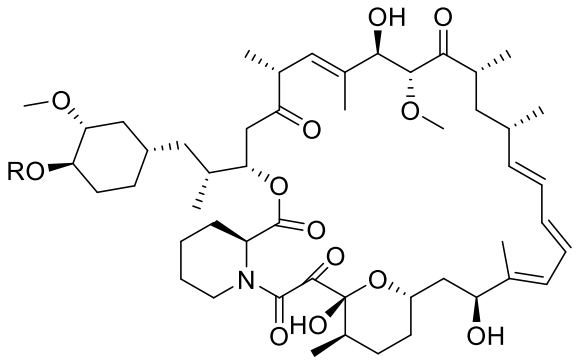


FIG. 5HH

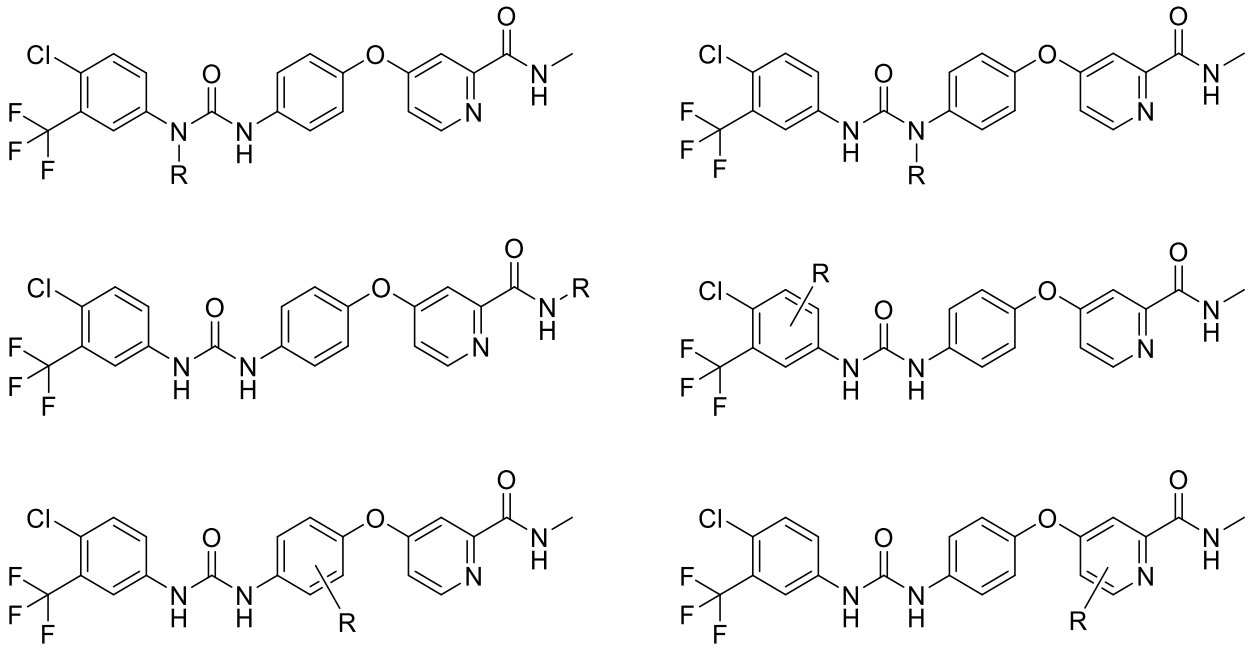


FIG. 5II

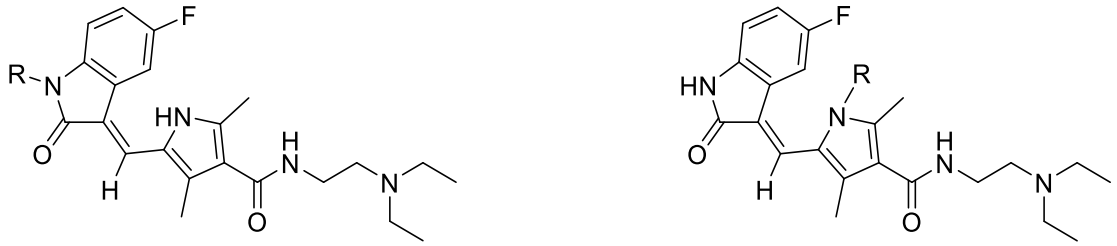


FIG. 5JJ

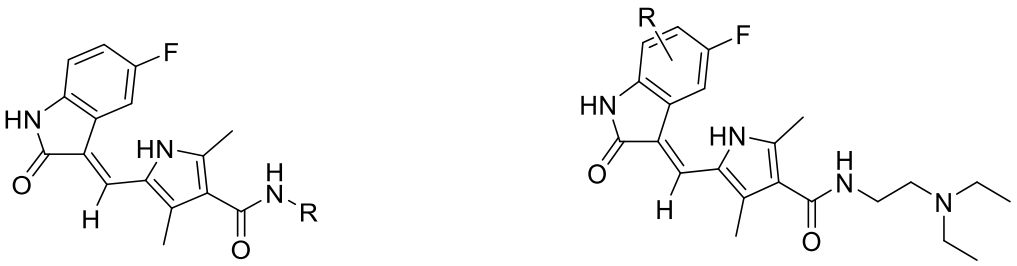


FIG. 5KK

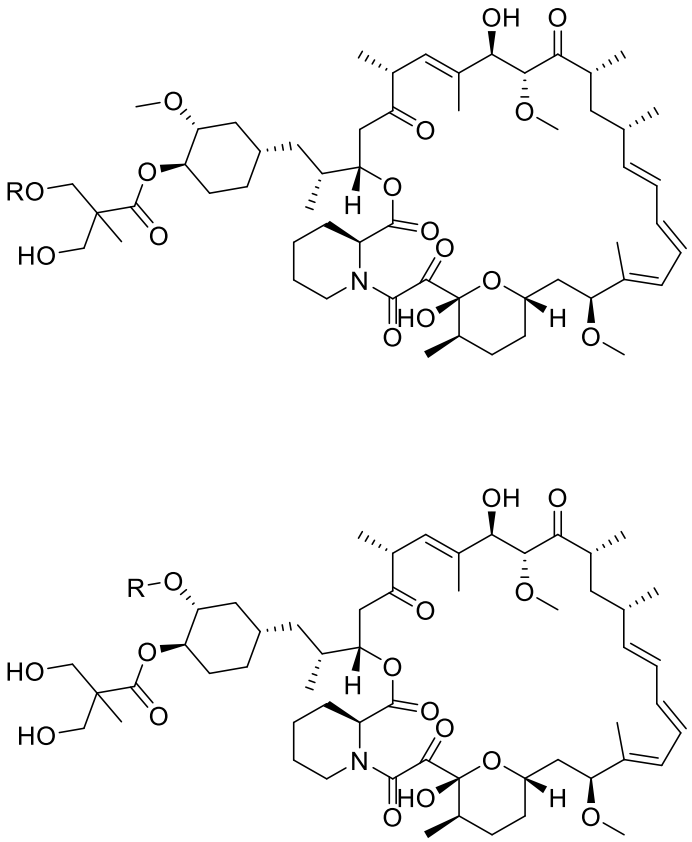


FIG. 5LL

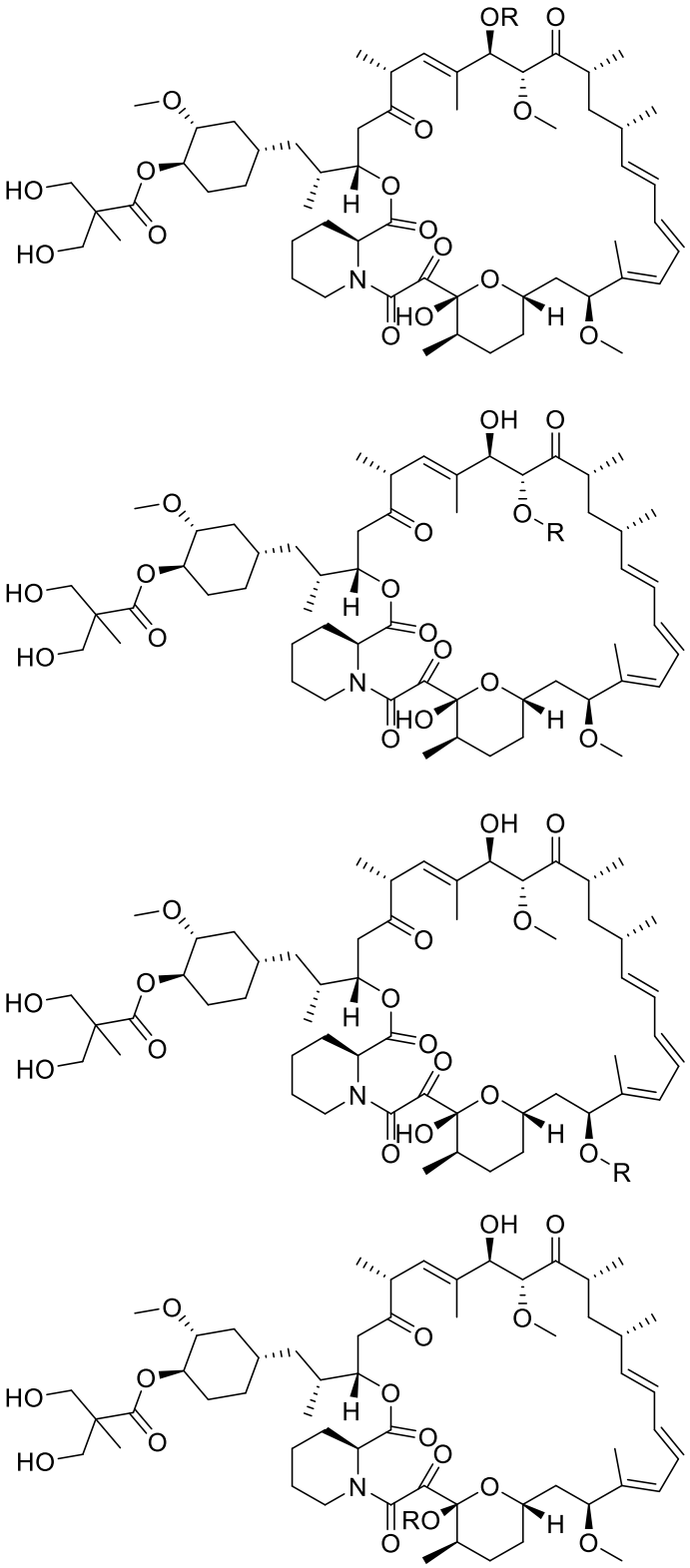

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FIG. 5MM

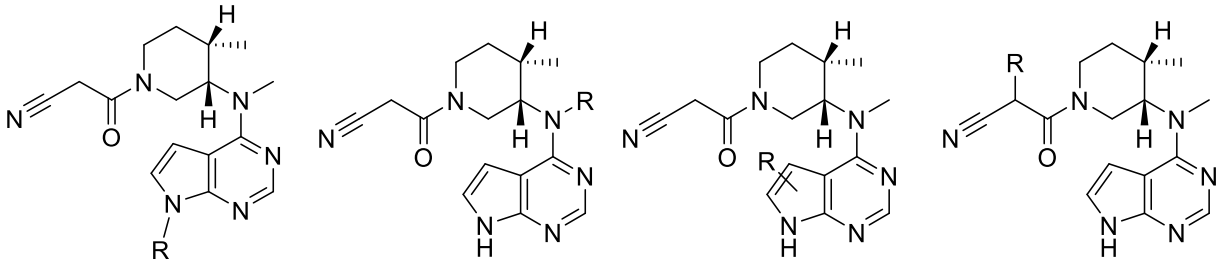


FIG. 5NN

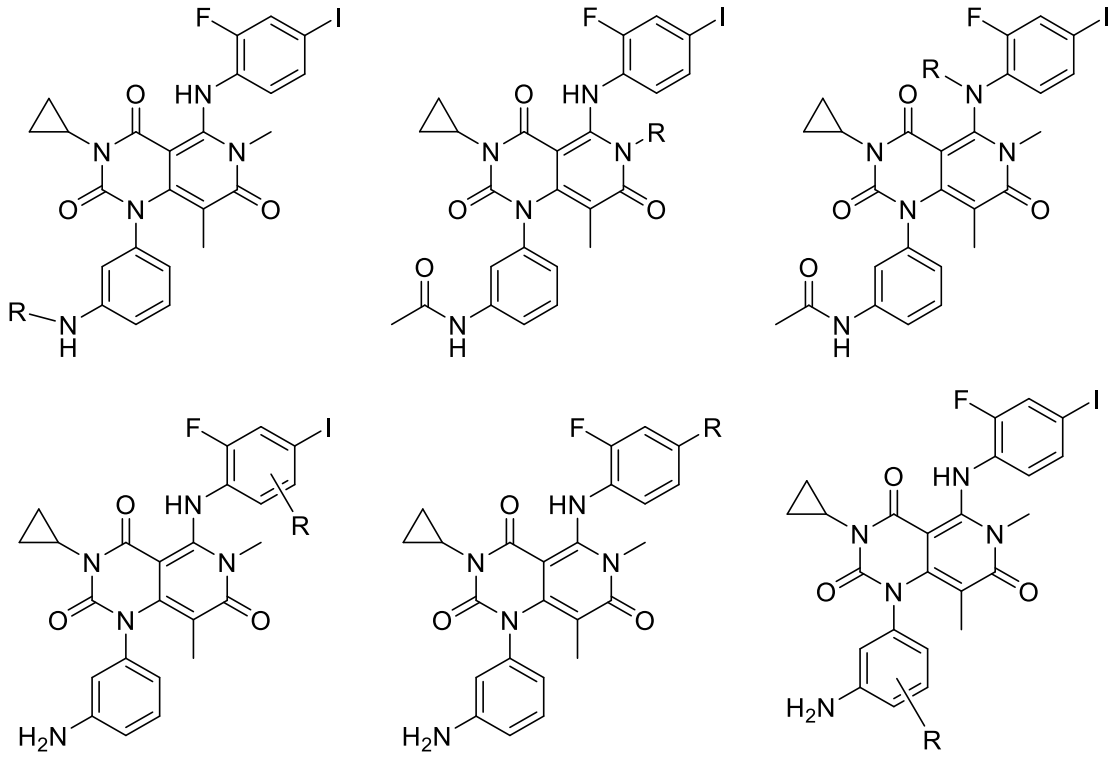


FIG. 5OO

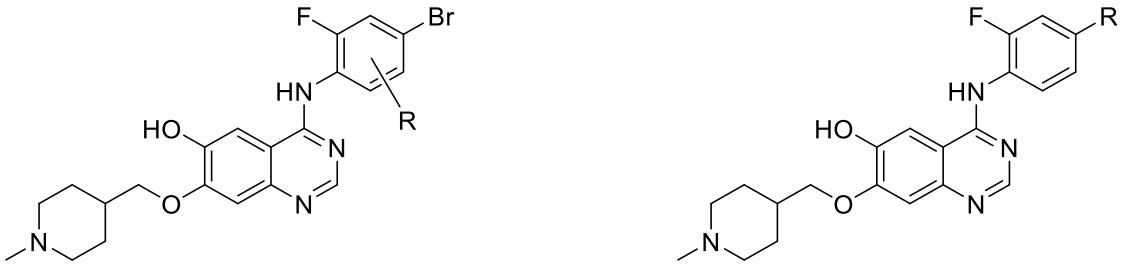


FIG. 5PP

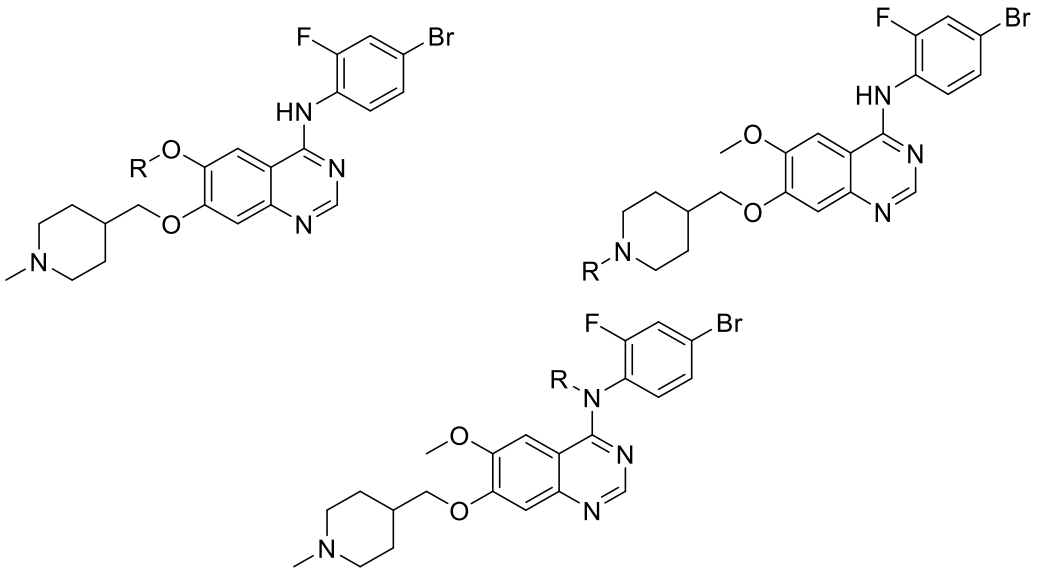


FIG. 5QQ

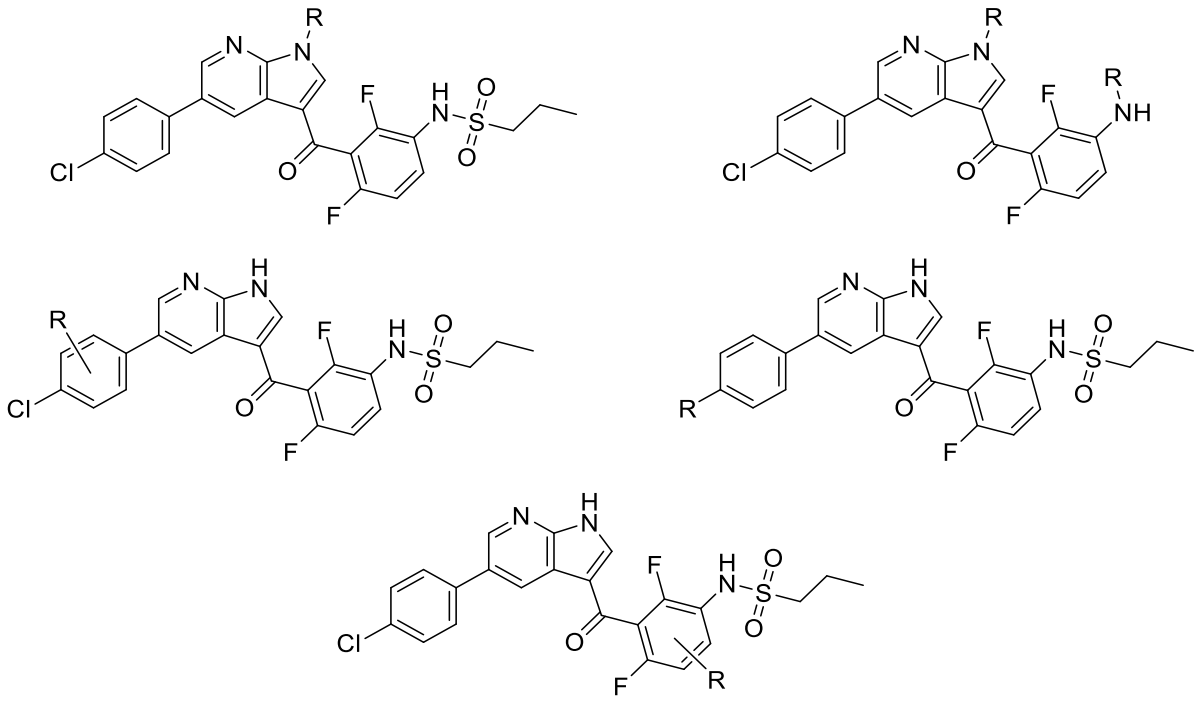


FIG. 5RR

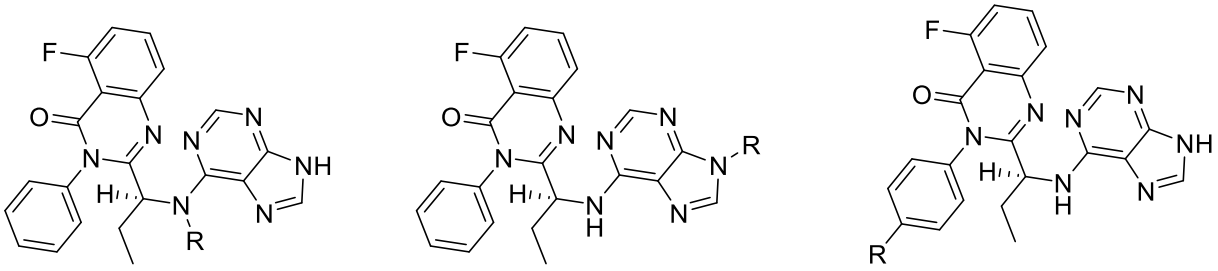


FIG. 5SS

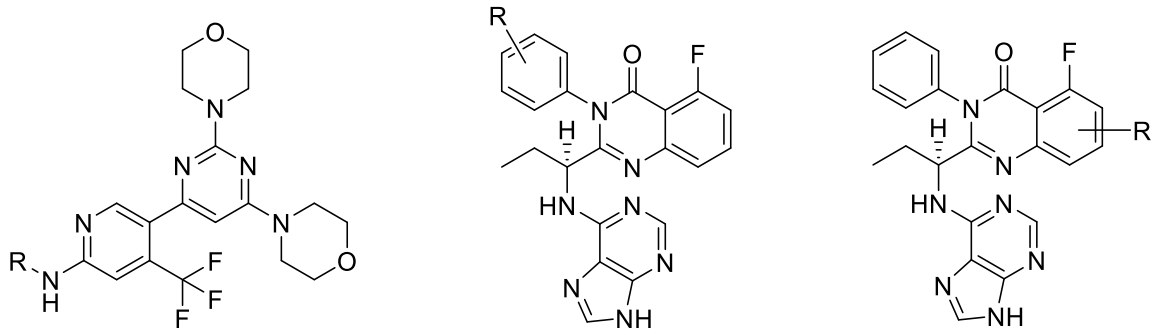


FIG. 5TT

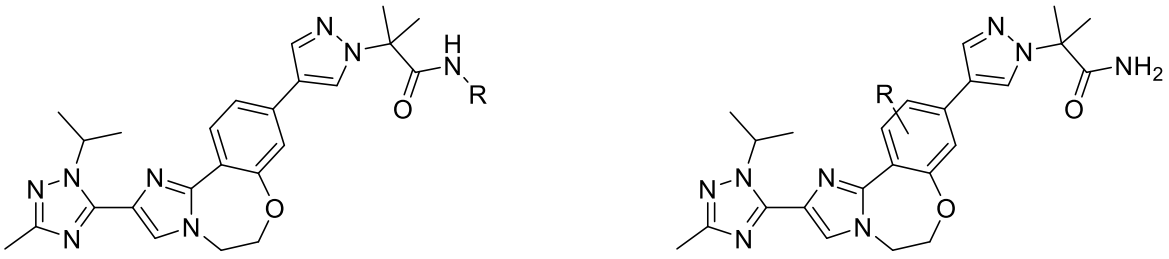


FIG. 5UU

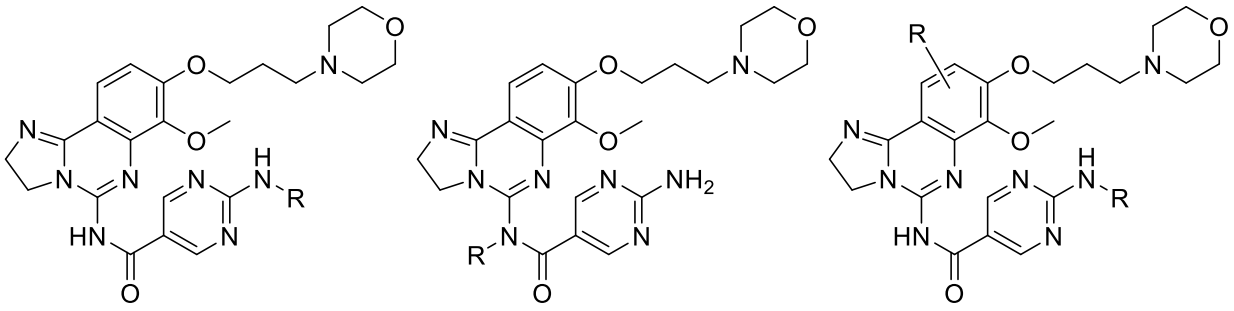


FIG. 5VV

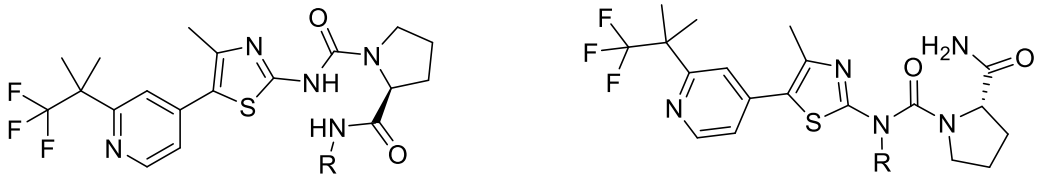


FIG. 5WW

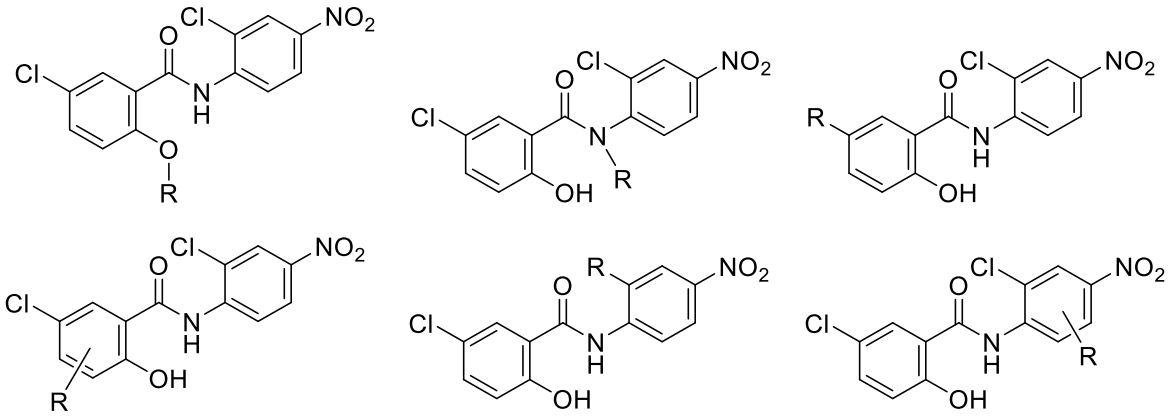


FIG. 6A

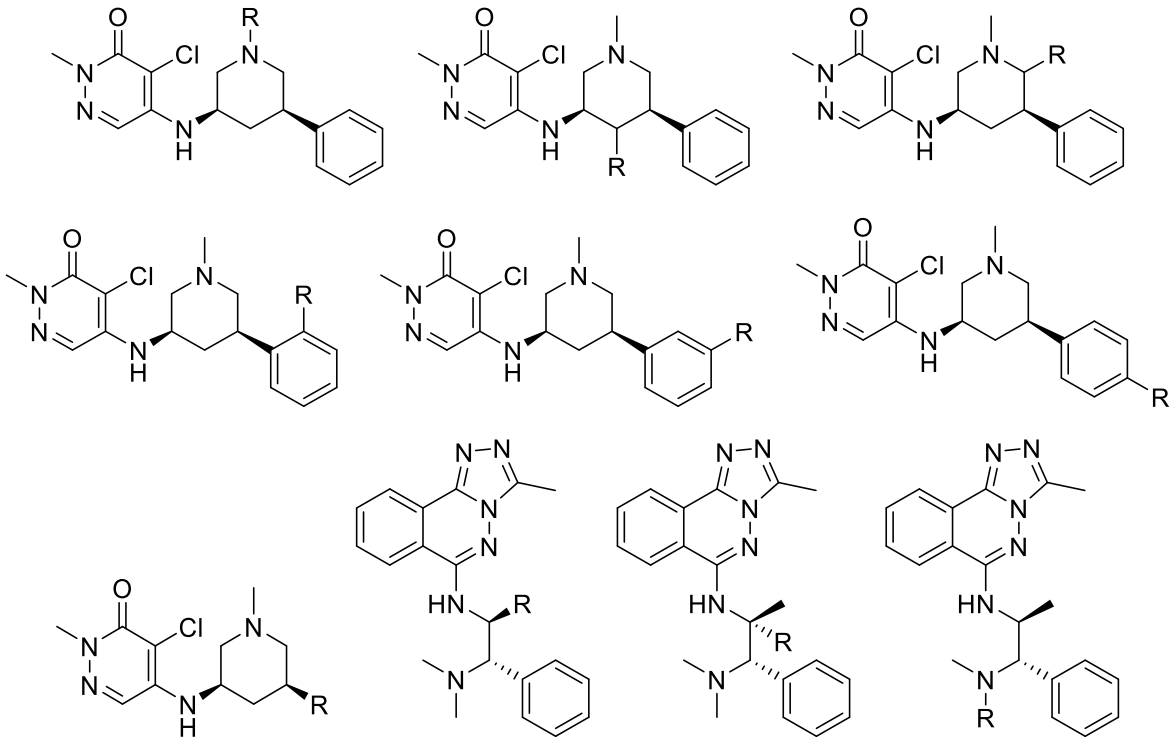


FIG. 6B

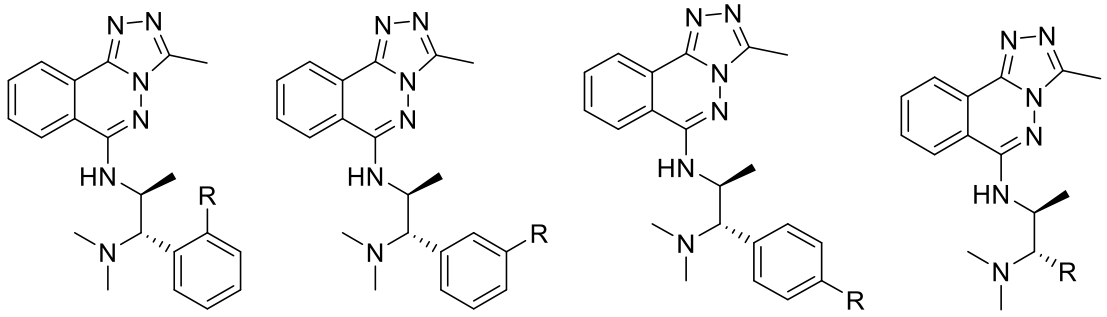


FIG. 6C

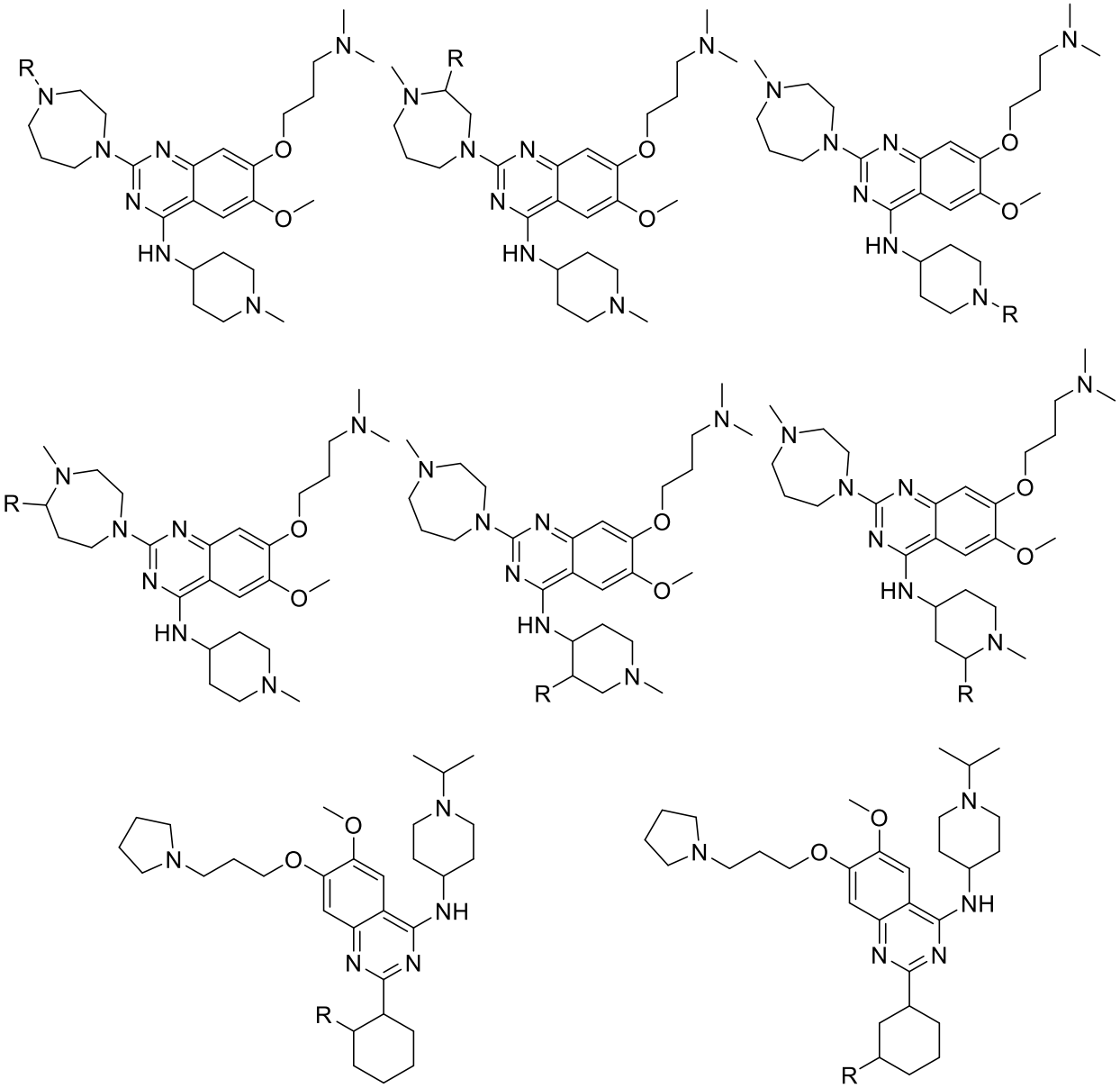


FIG. 6D

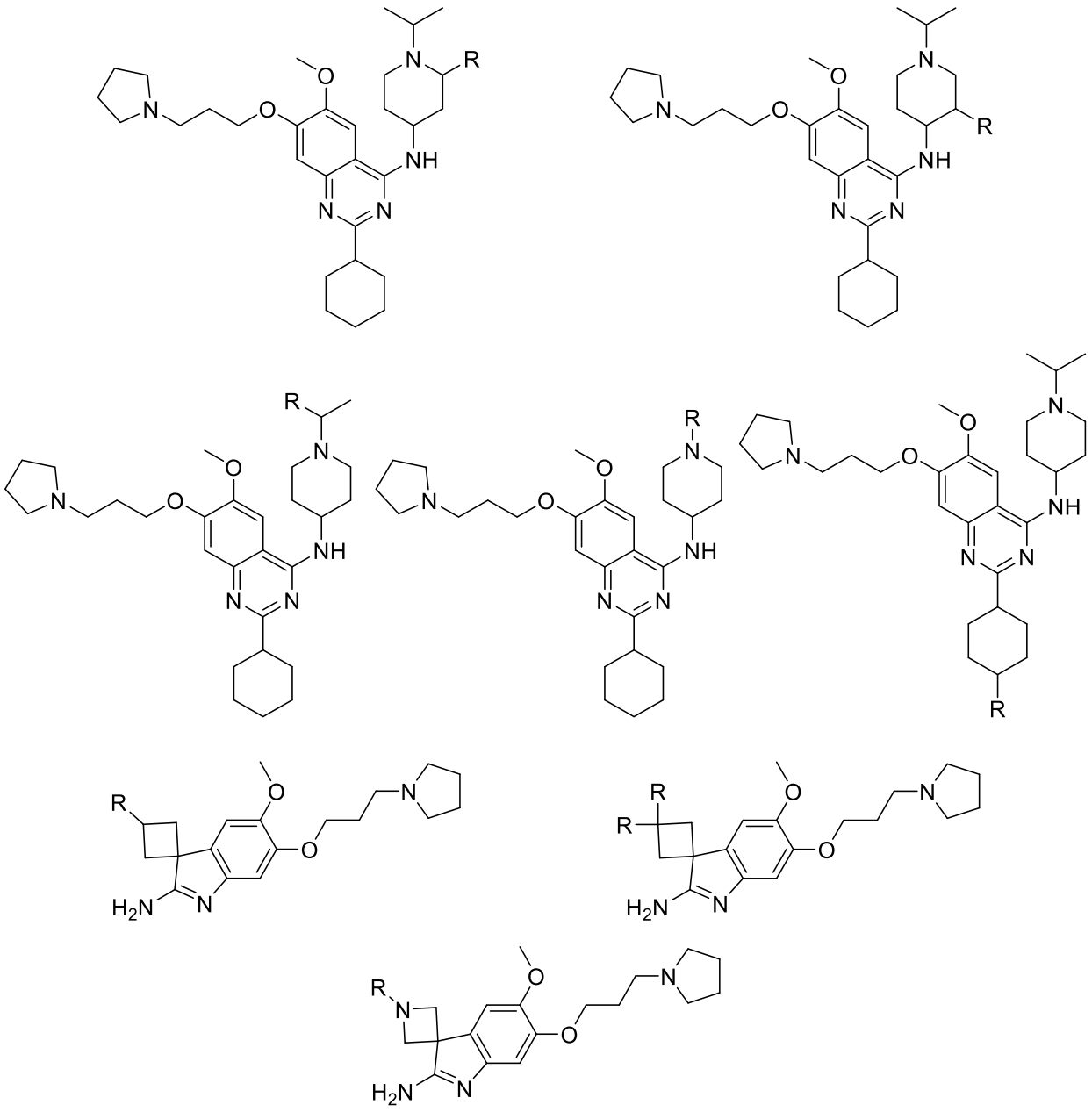


FIG. 6E

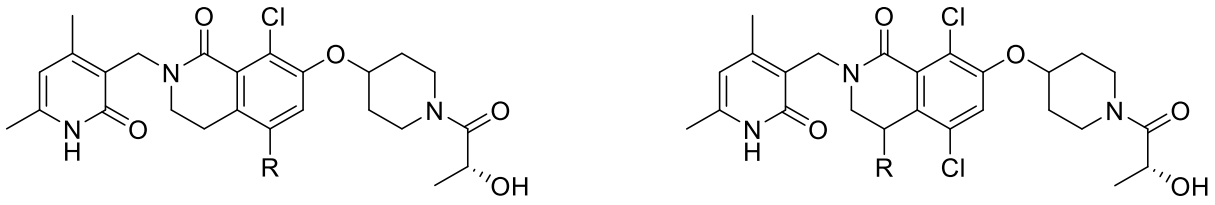


FIG. 6F

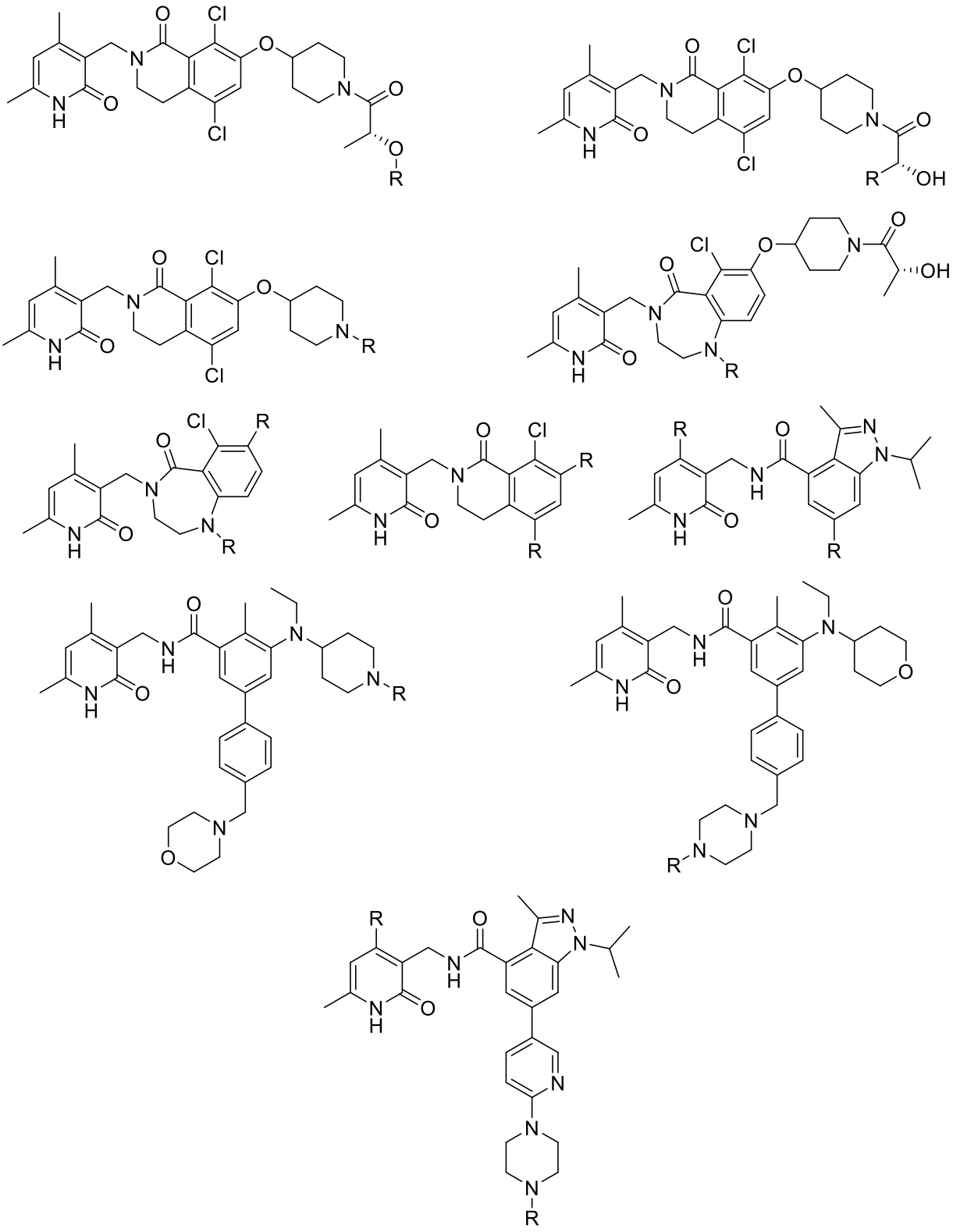


FIG. 6G

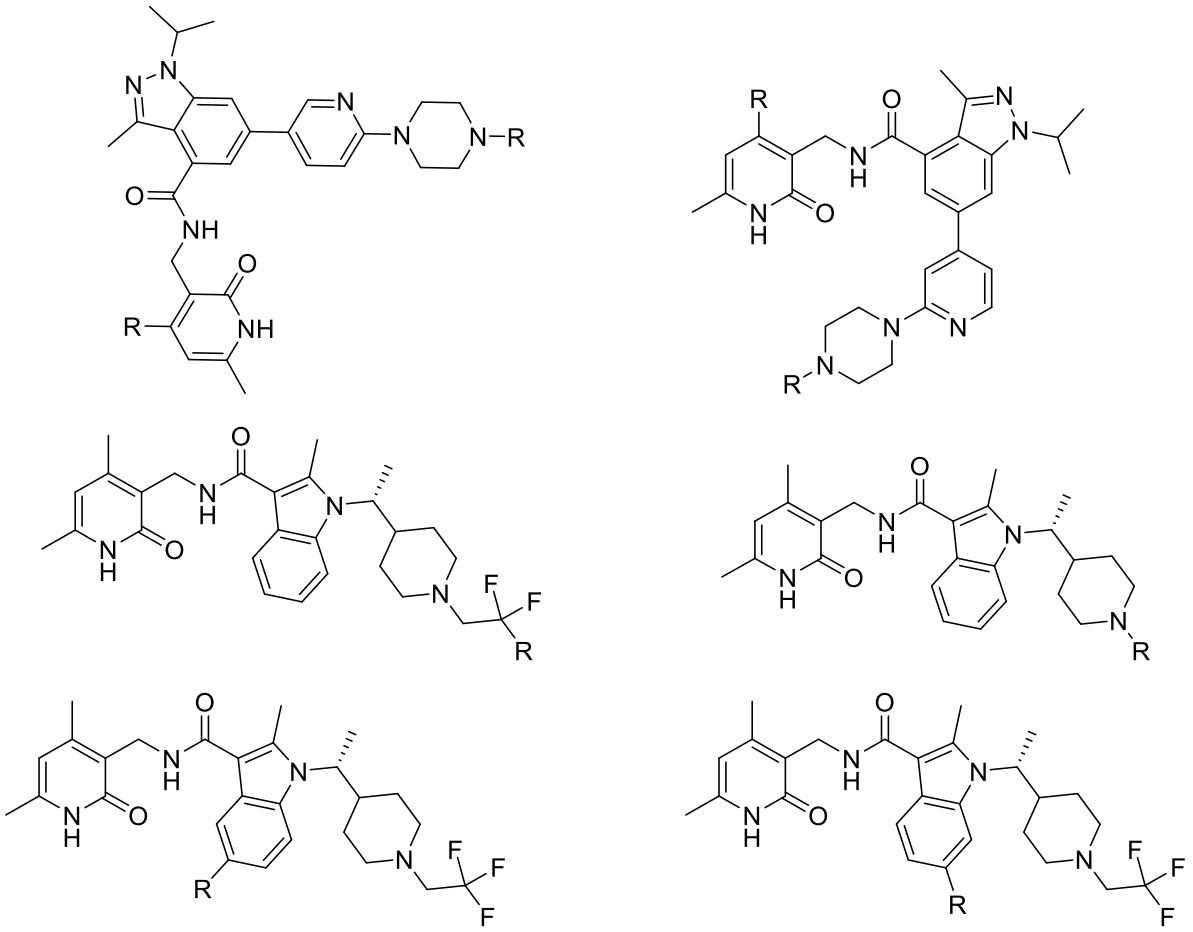


FIG. 6H

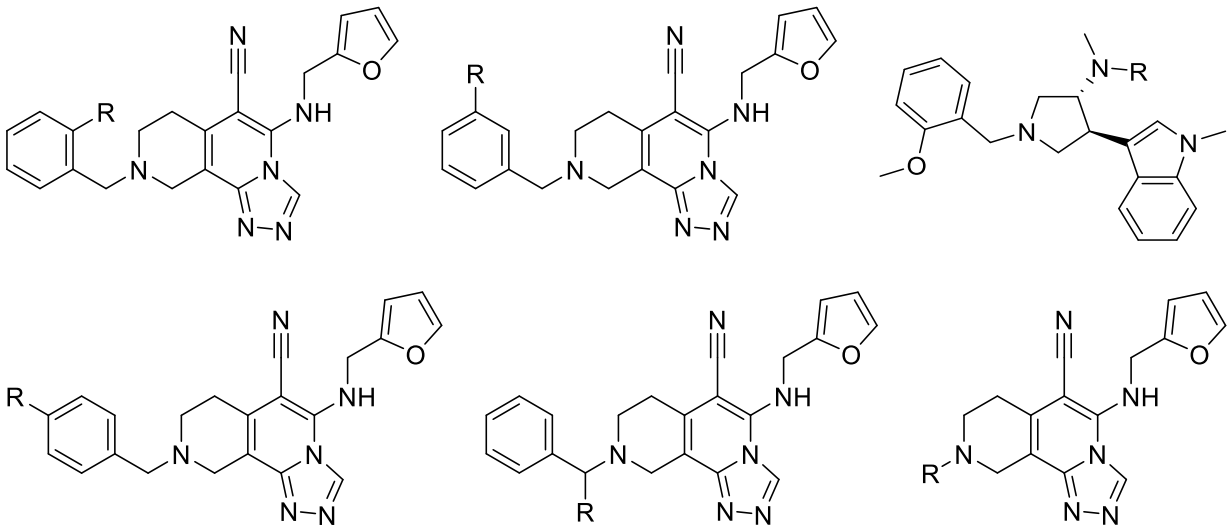


FIG. 6I

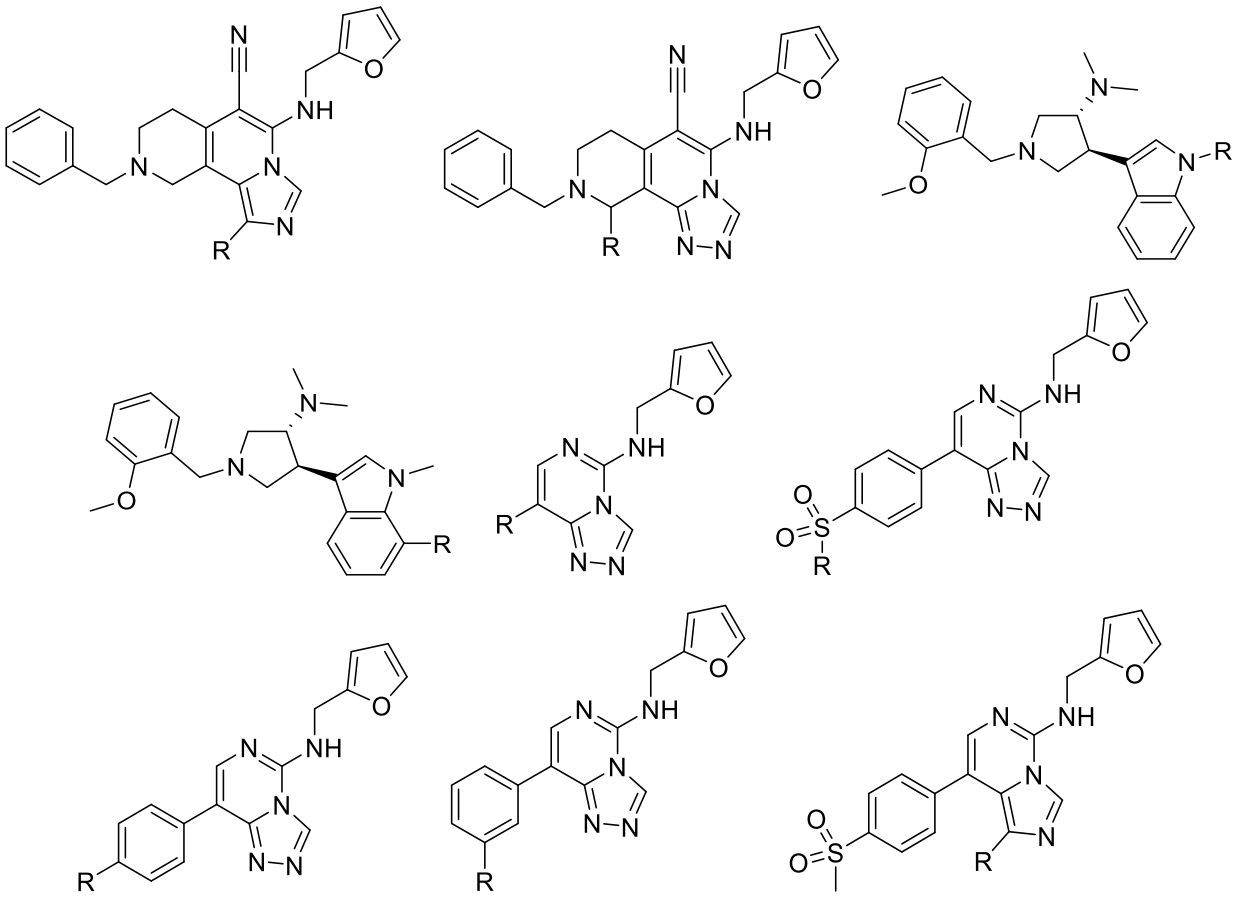


FIG. 6J

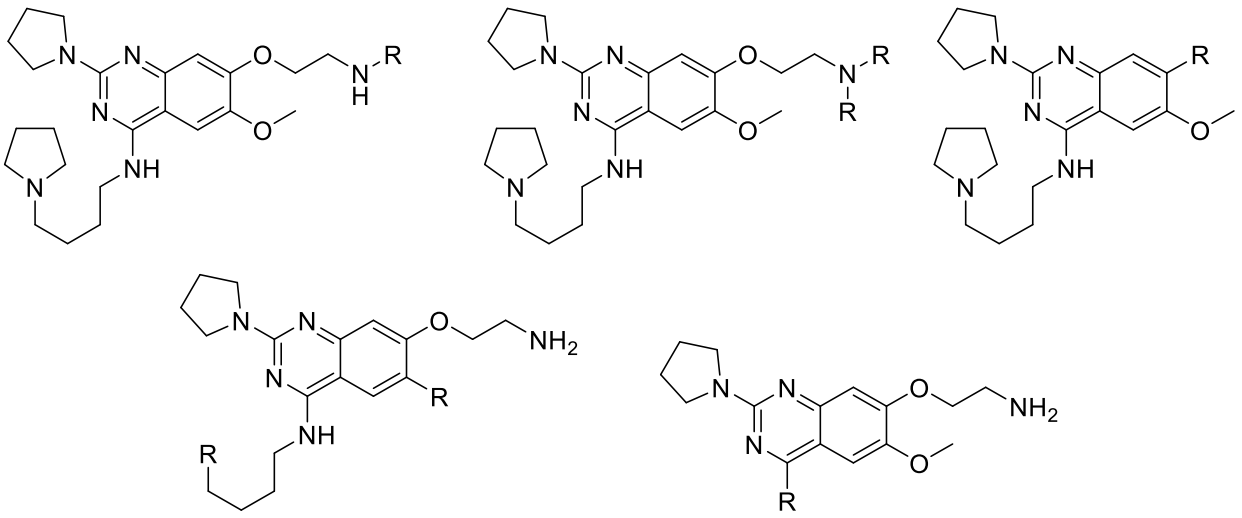
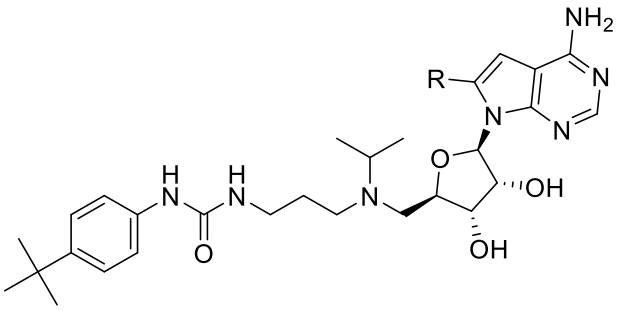
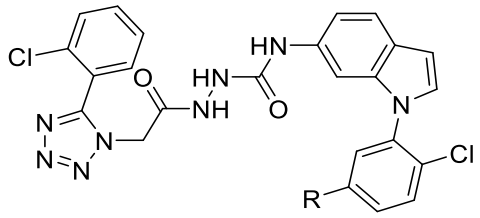
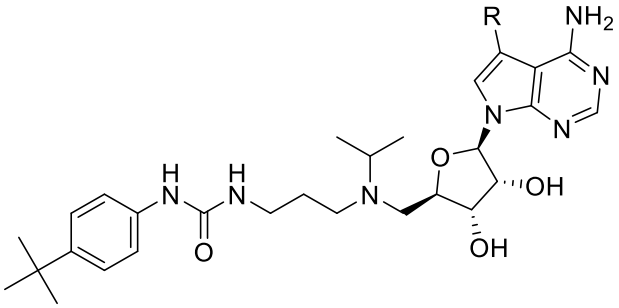
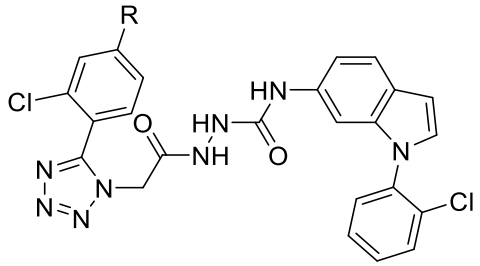


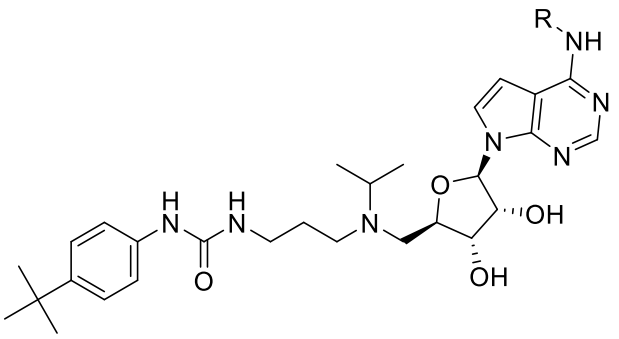
FIG. 6K

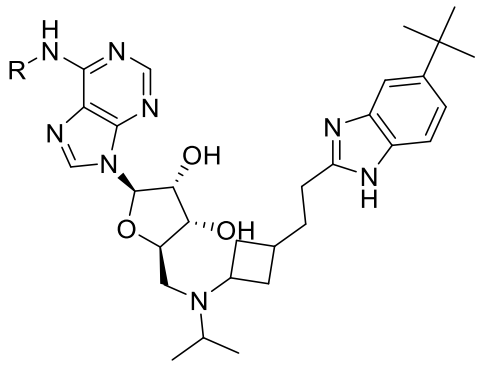


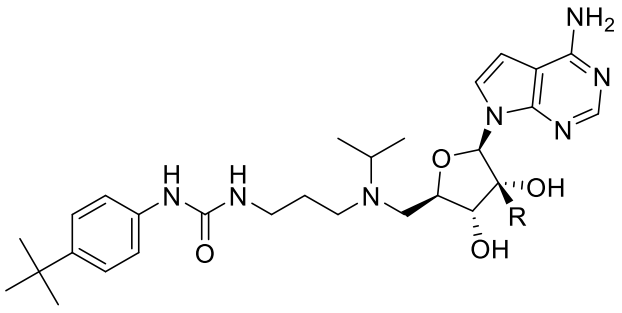












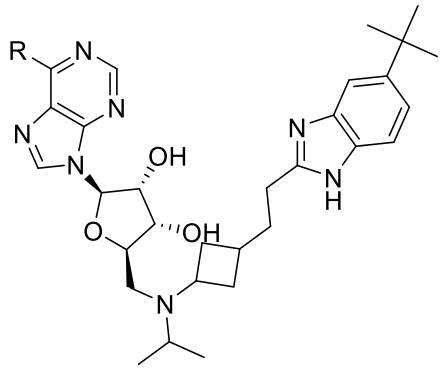


FIG. 6L

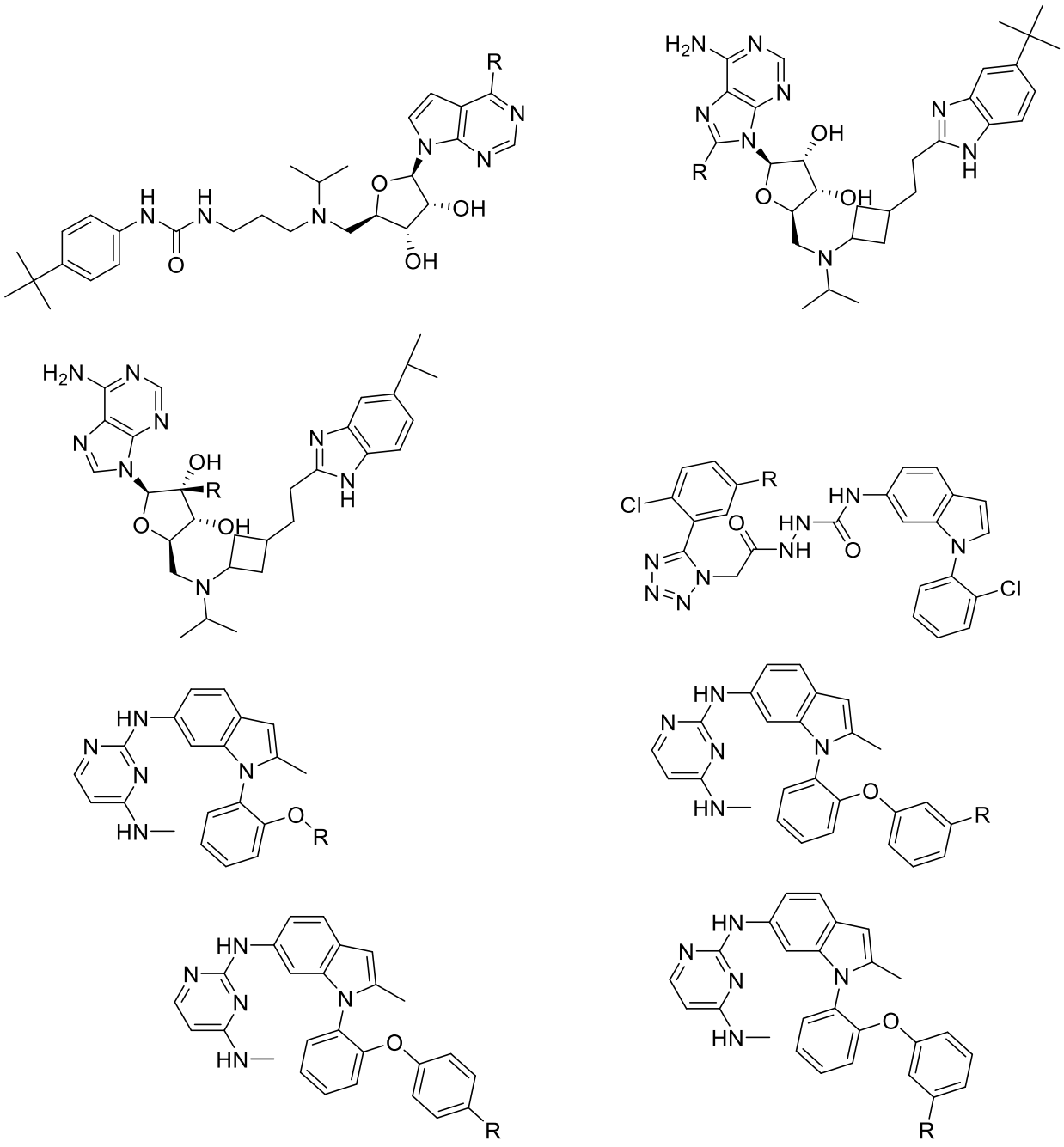


FIG. 6M

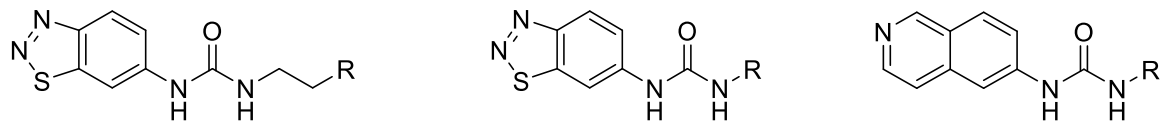


FIG. 6N

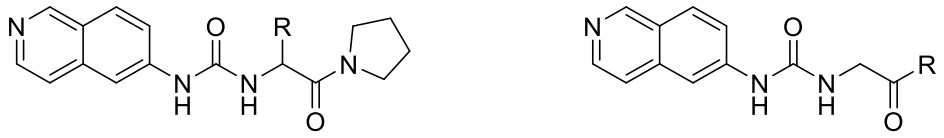


FIG. 6O

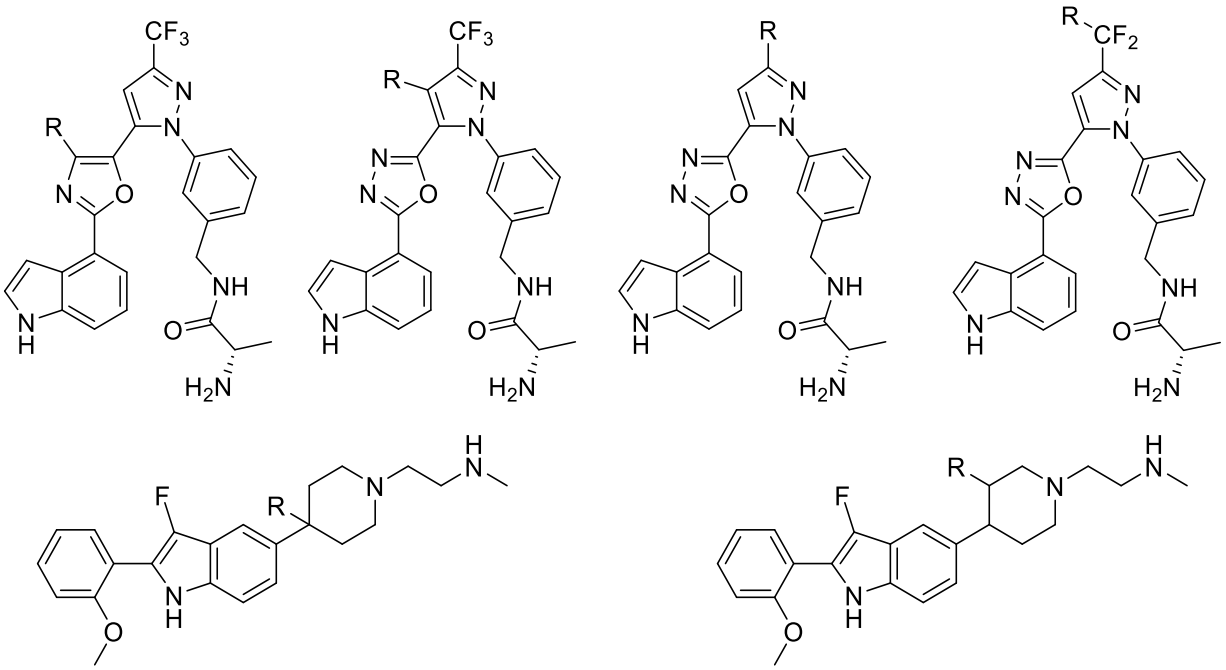


FIG. 6P

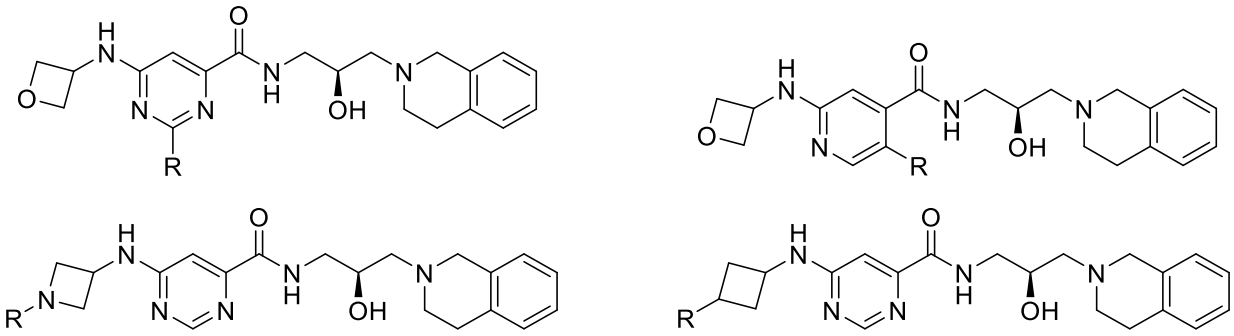
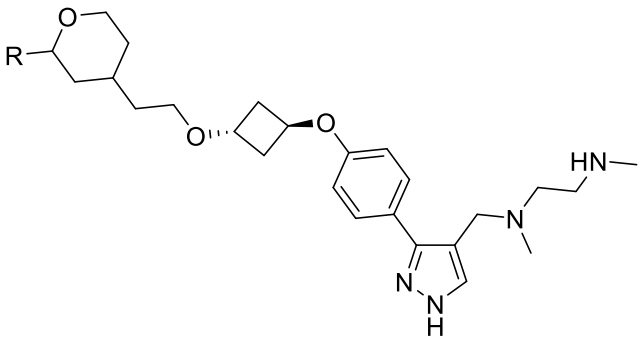
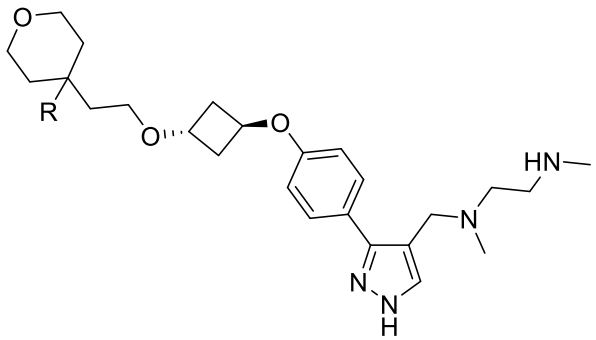
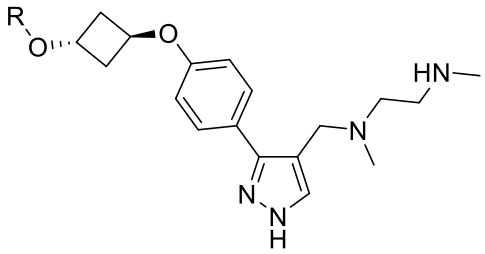
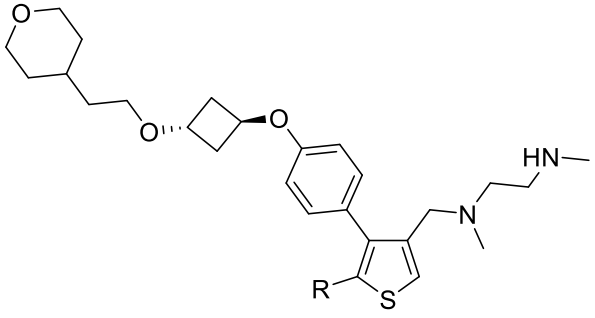


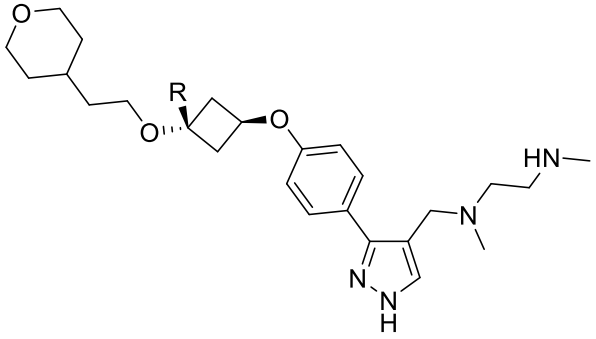
FIG. 6Q











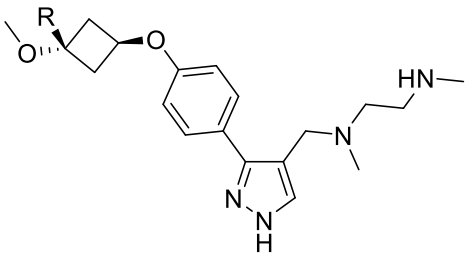


FIG. 6R

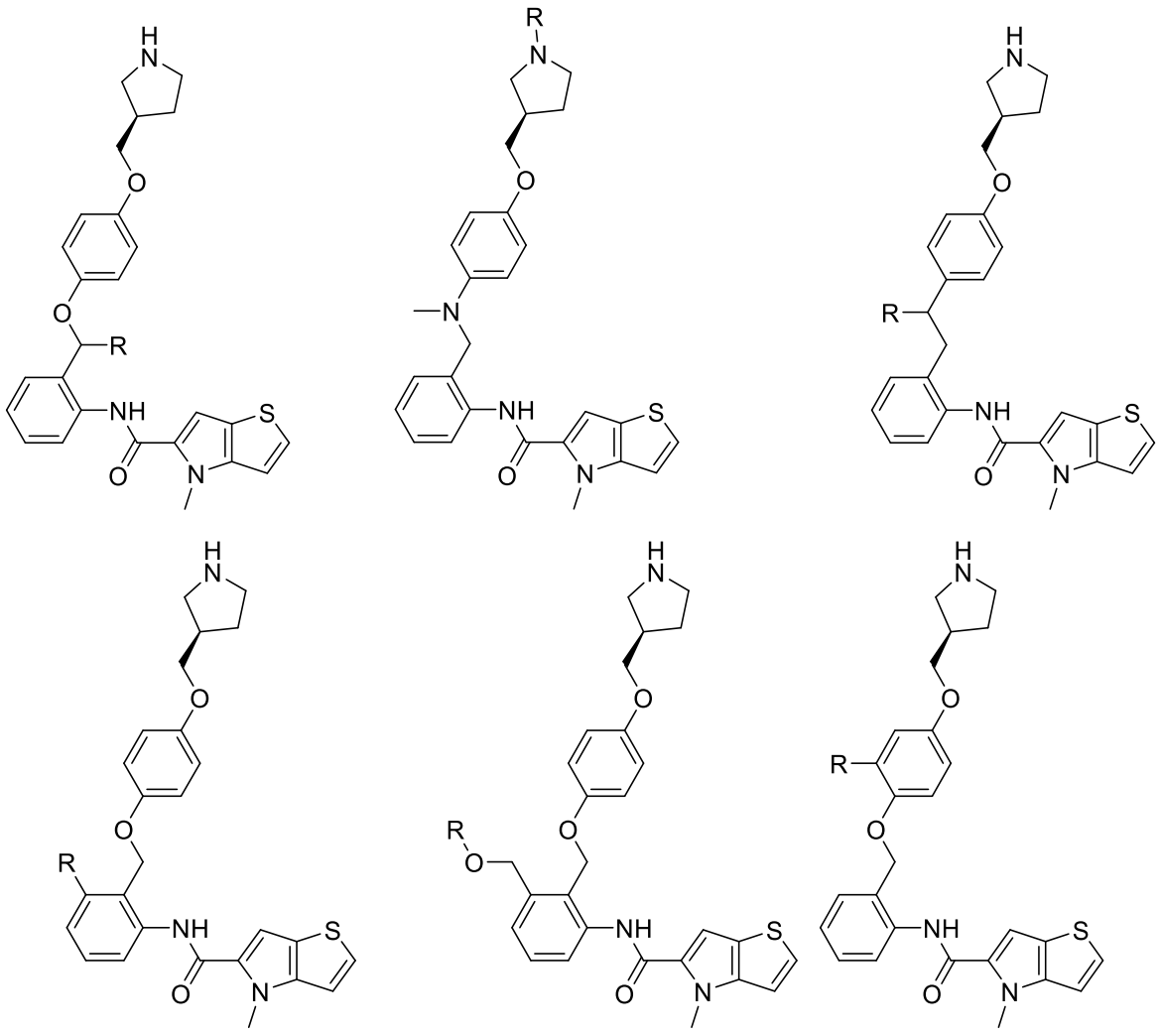


FIG. 6S

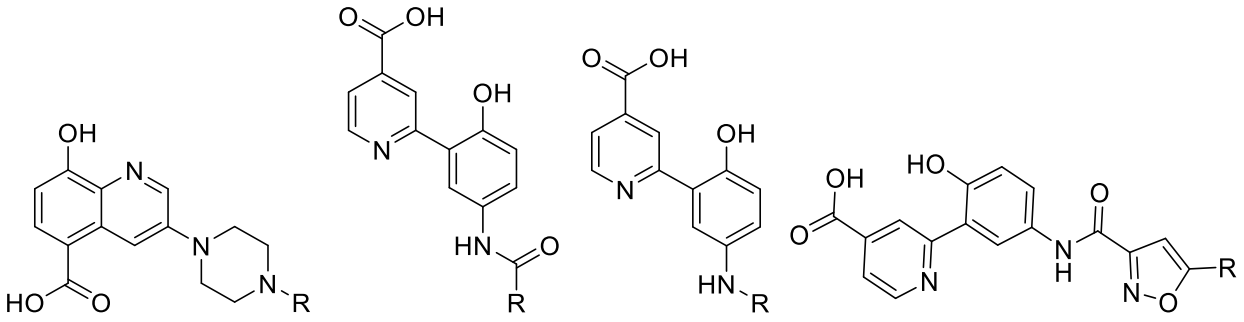


FIG. 6T

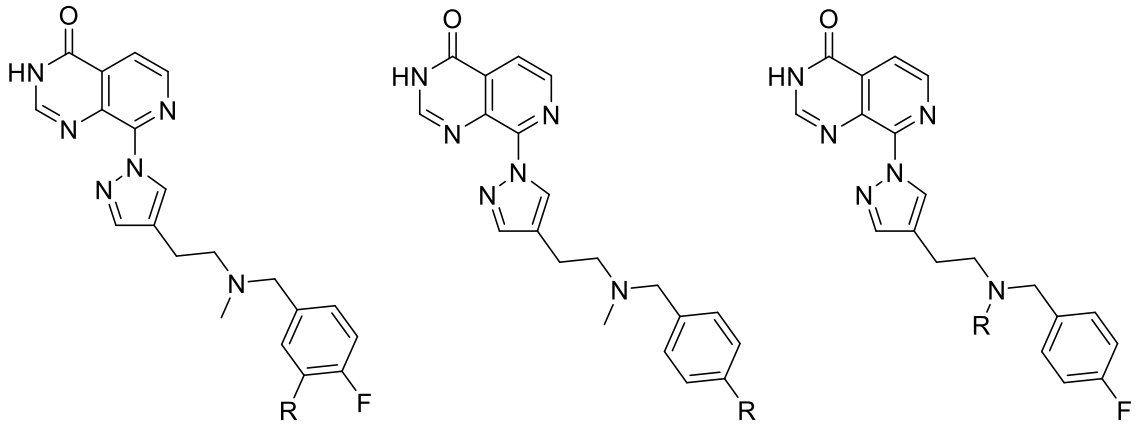


FIG. 6U

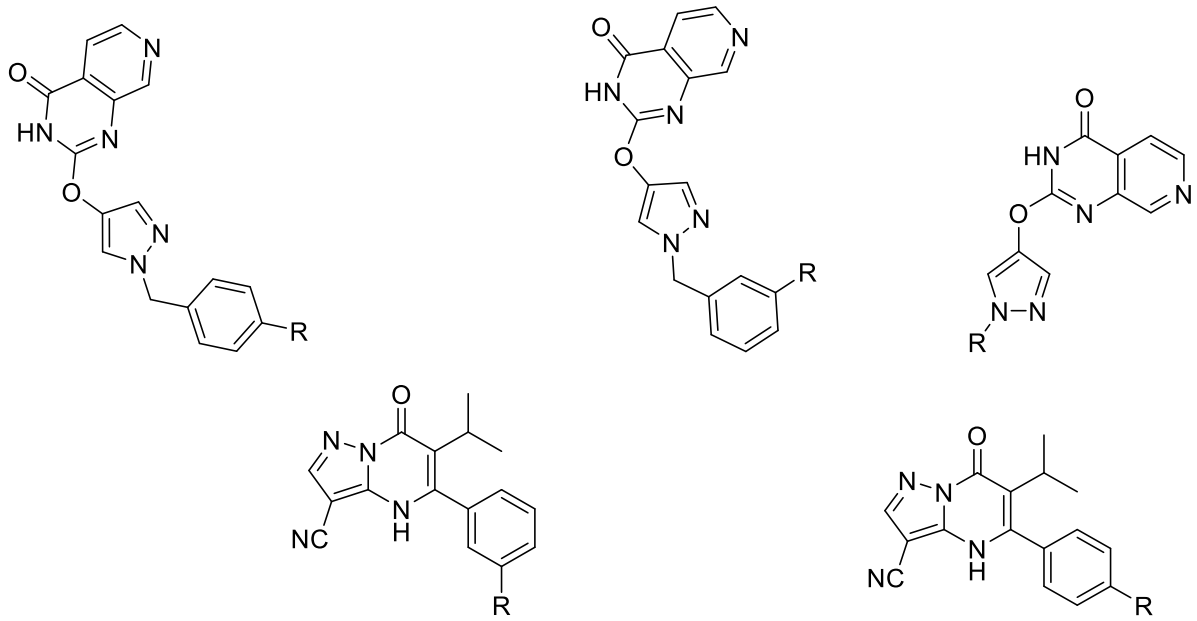


FIG. 6V

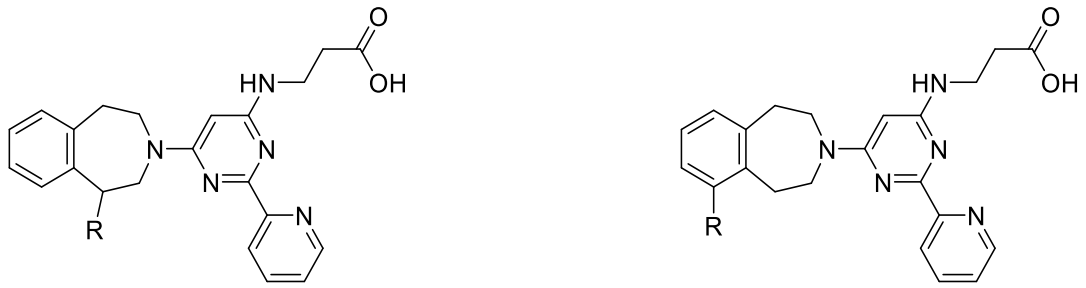


FIG. 6W

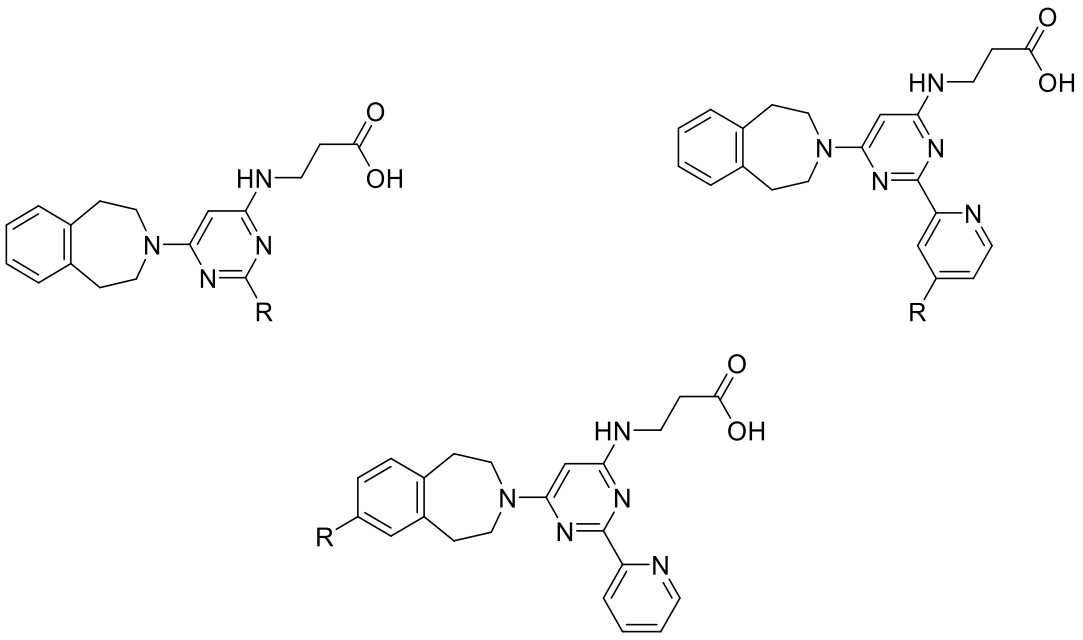

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FIG. 6X

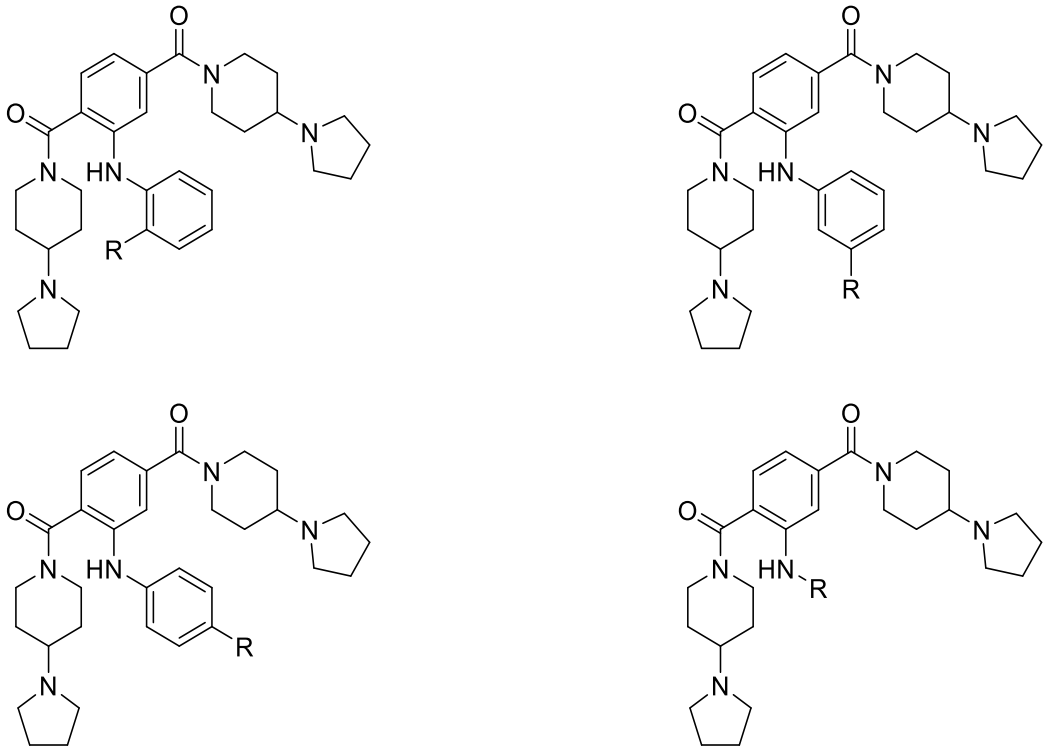
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FIG. 6Y

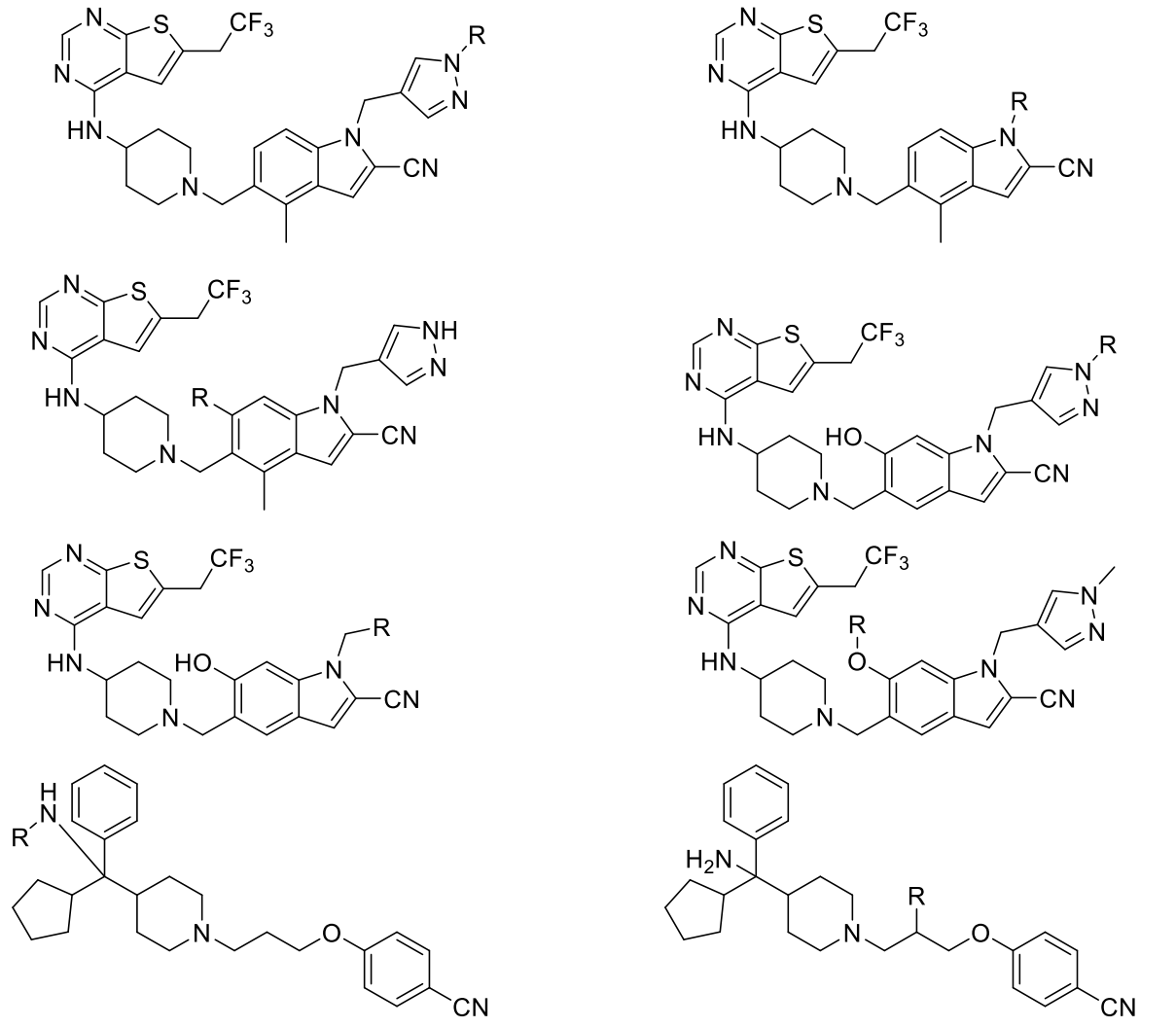


FIG. 6Z

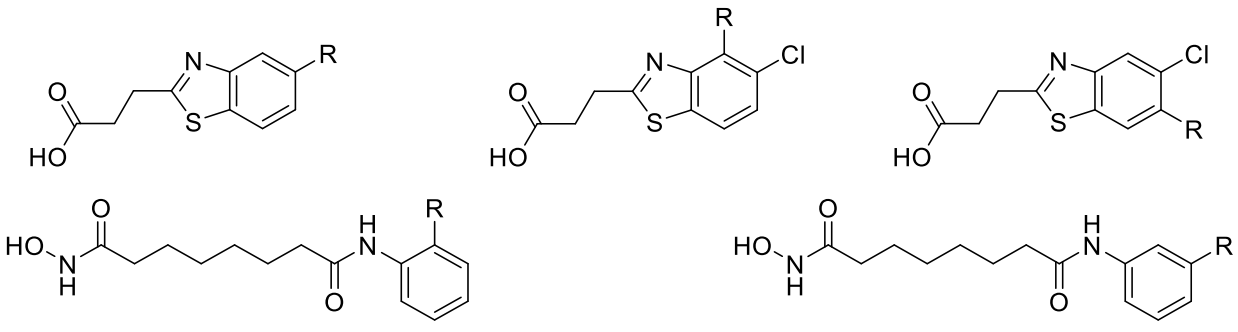


FIG. 6AA

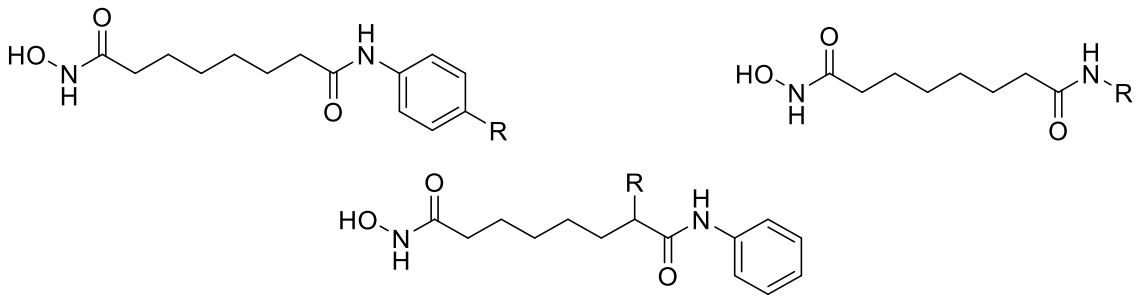
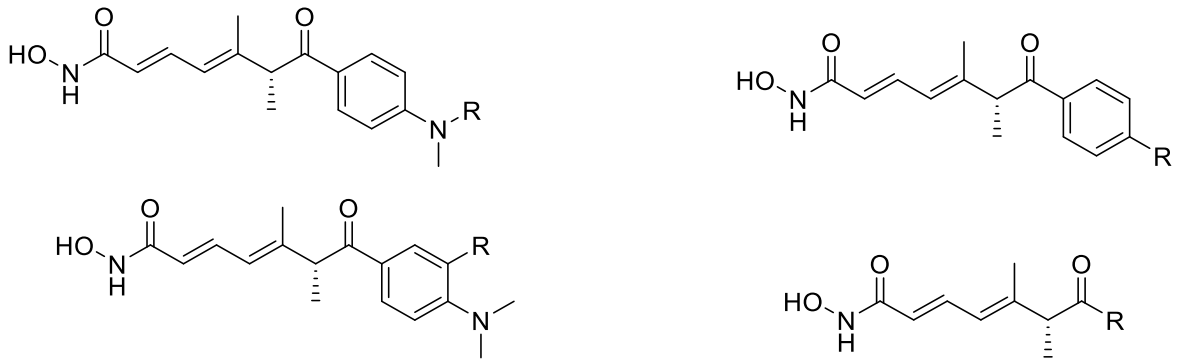


FIG. 6BB



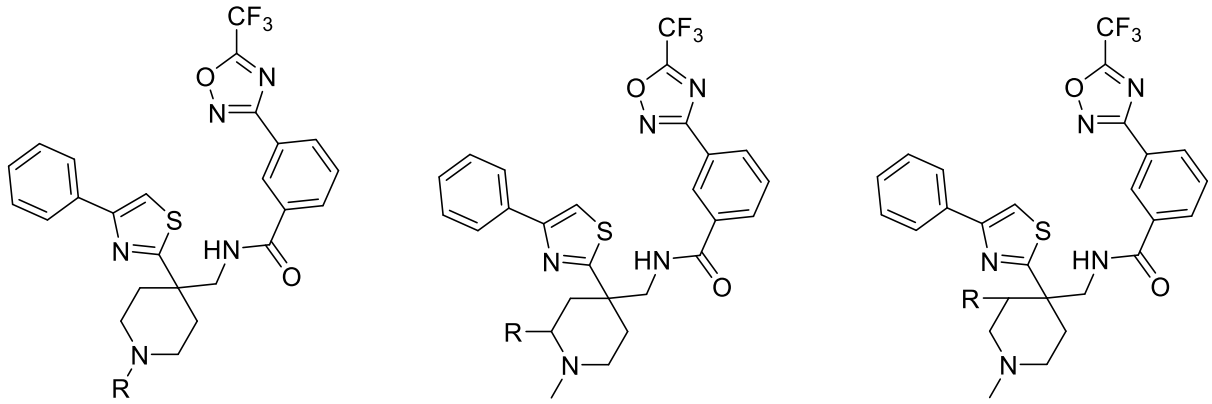


FIG. 7A

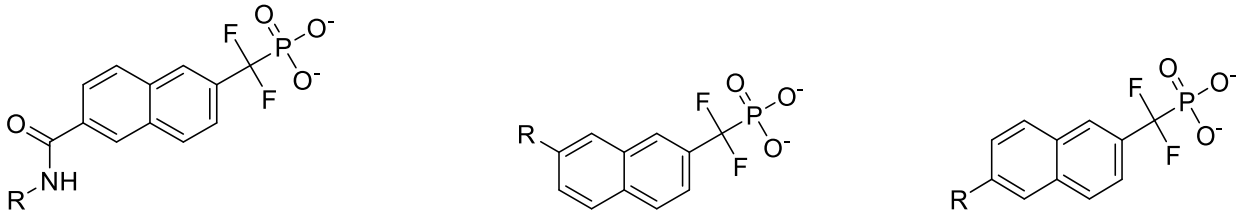


FIG. 7B

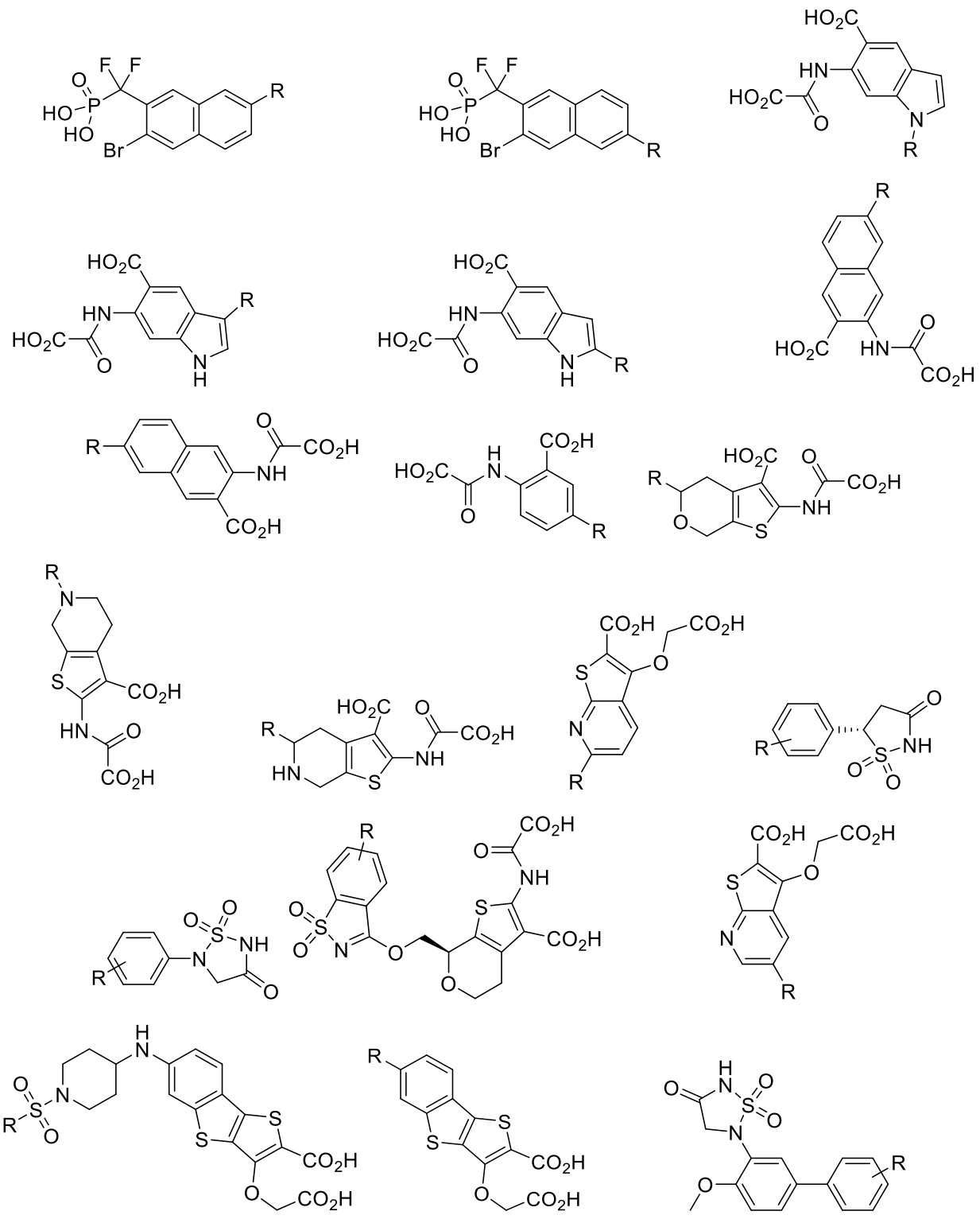


FIG. 7C

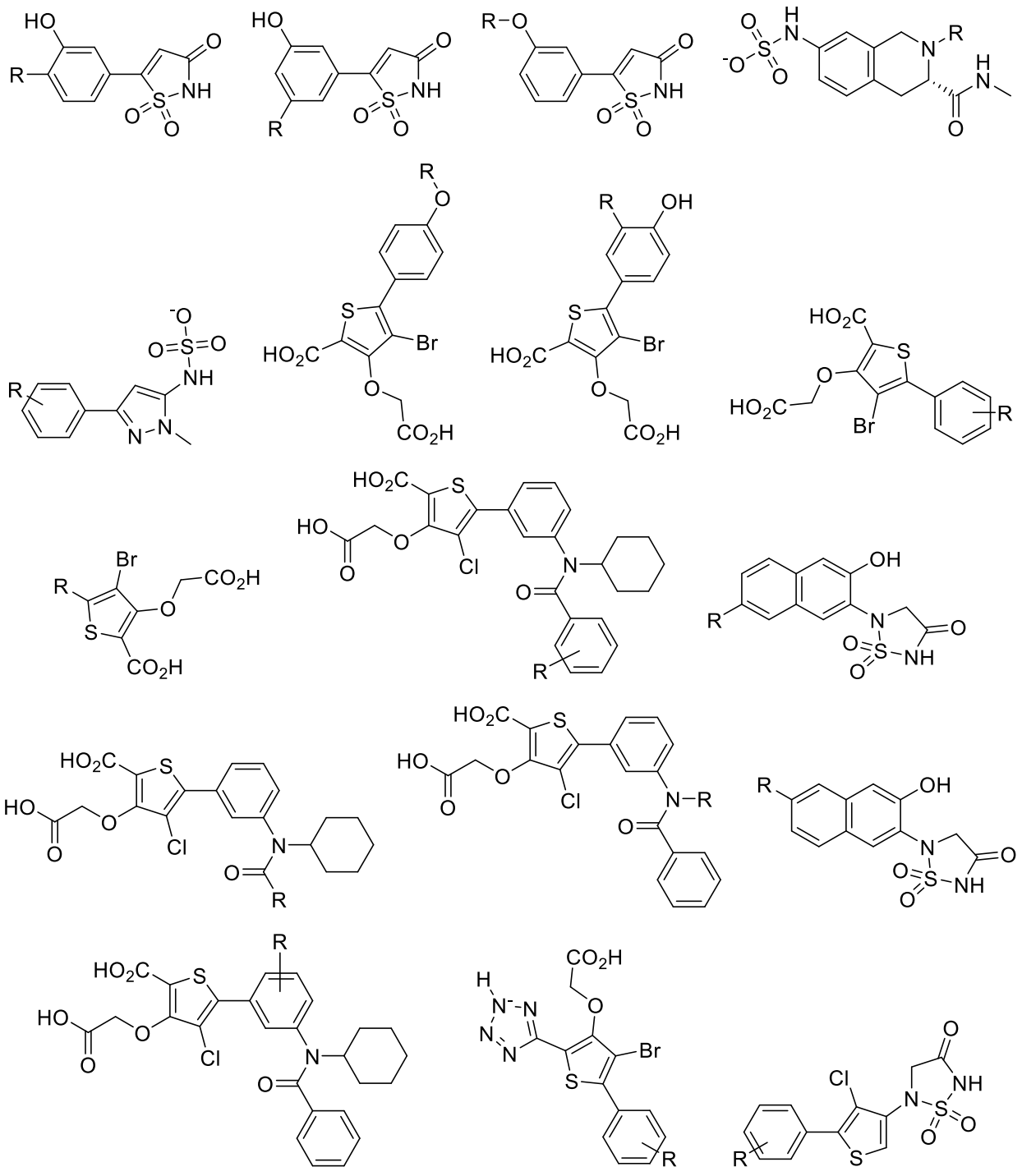


FIG. 7D

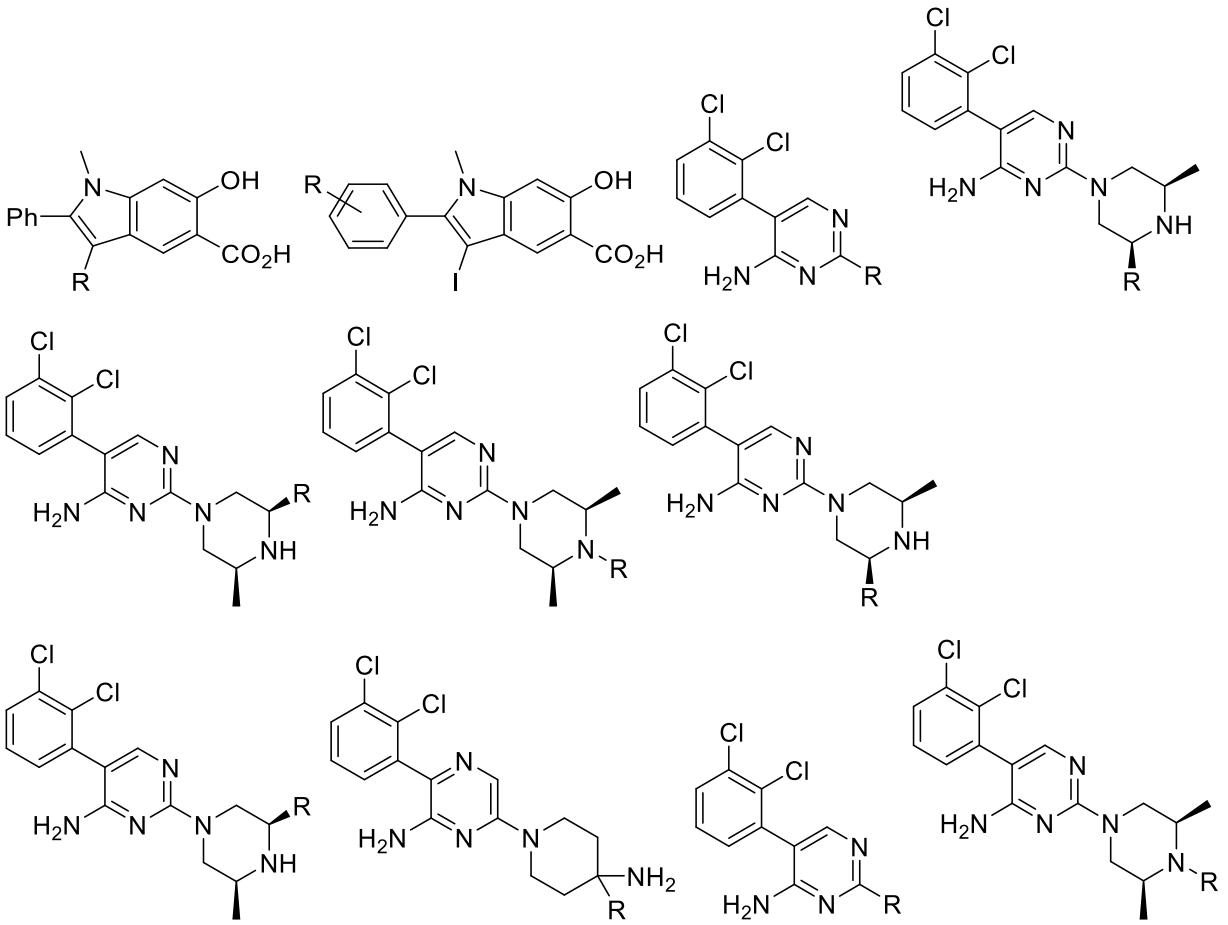


FIG. 7E

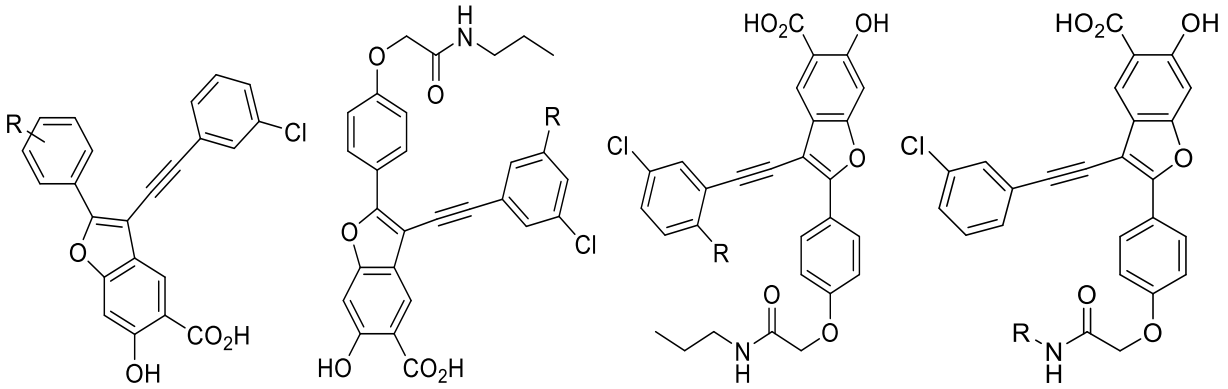


FIG 7F

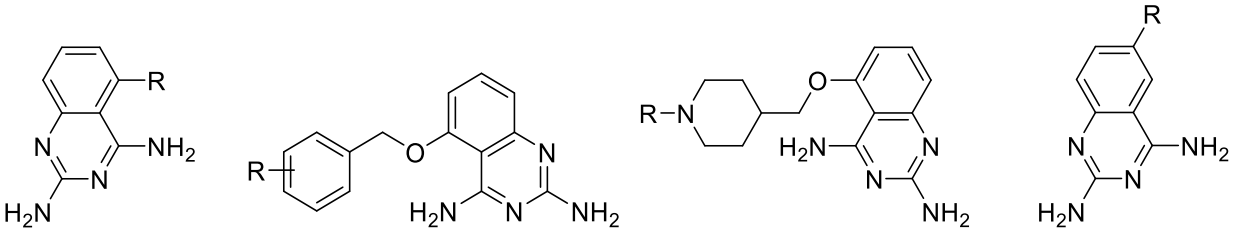


FIG. 8A

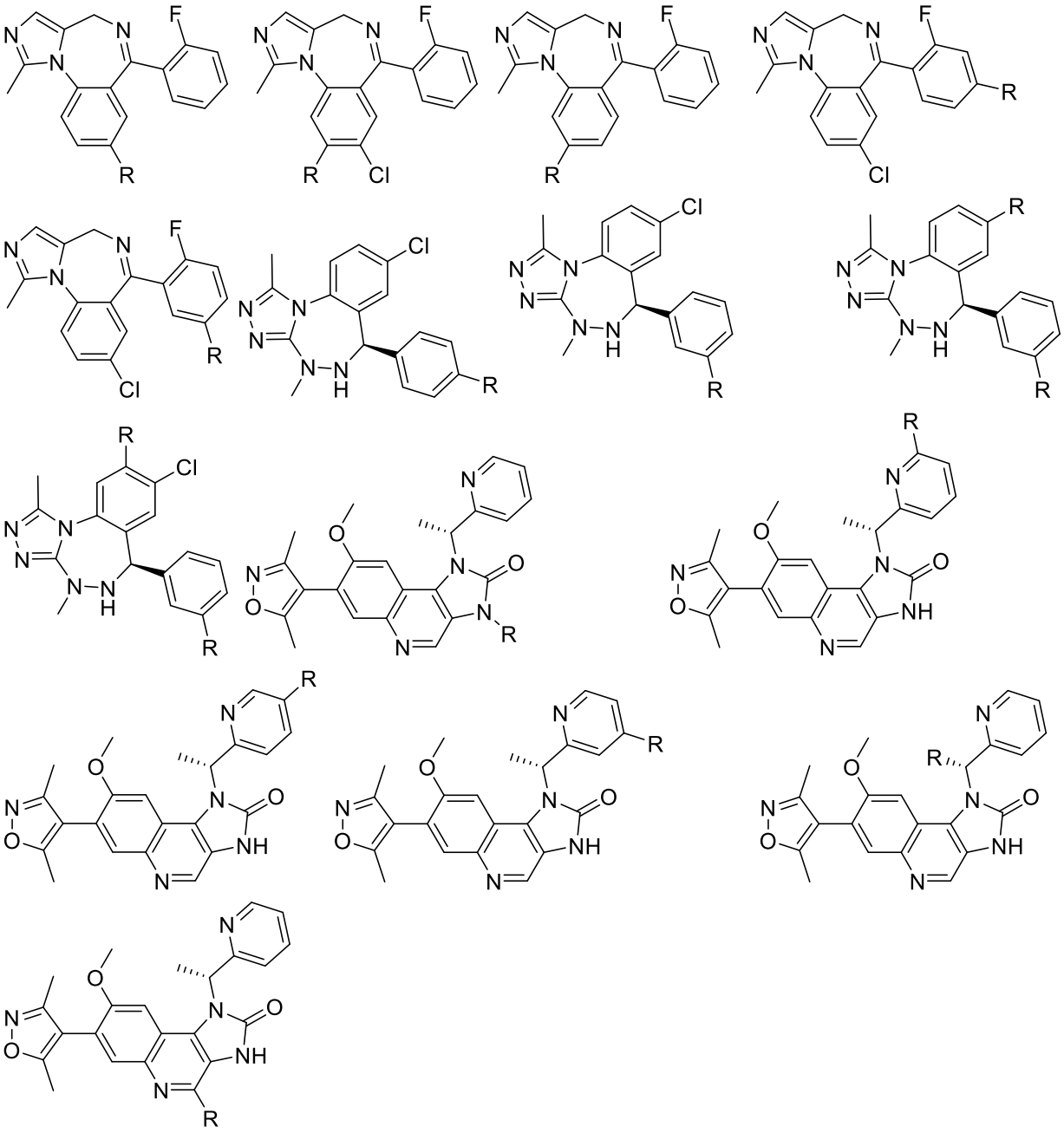


FIG. 8B

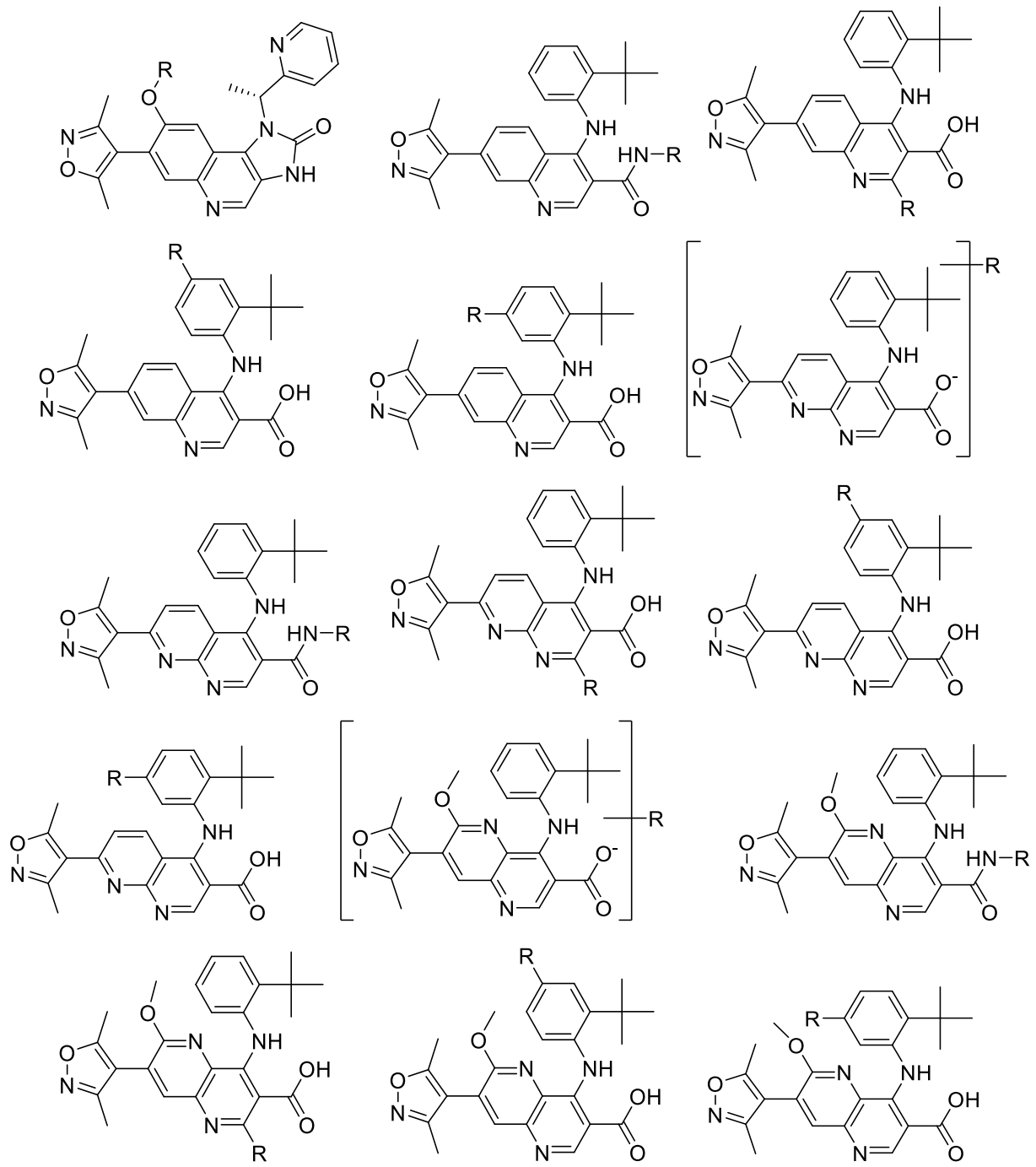


FIG. 8C

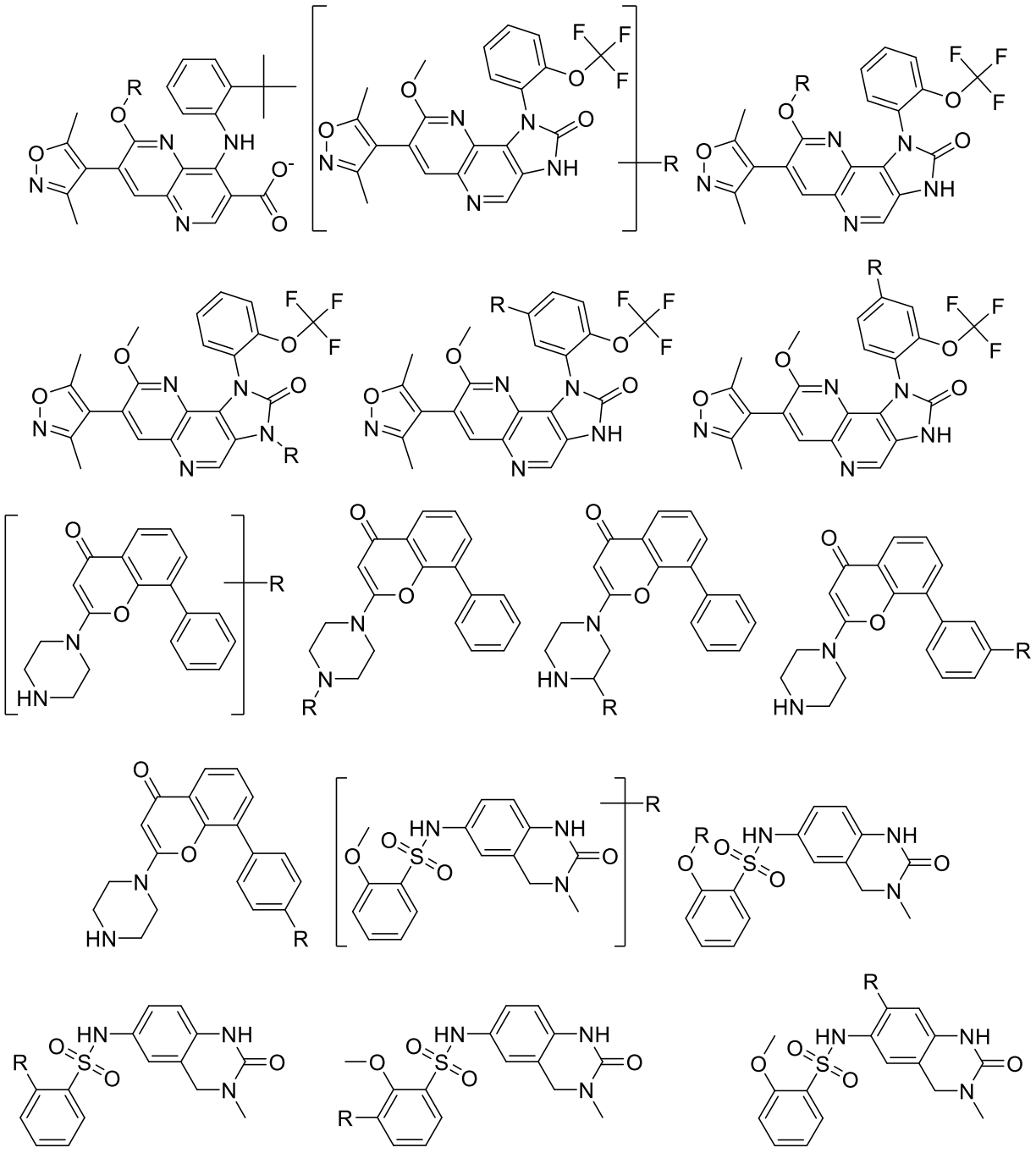


FIG. 8D

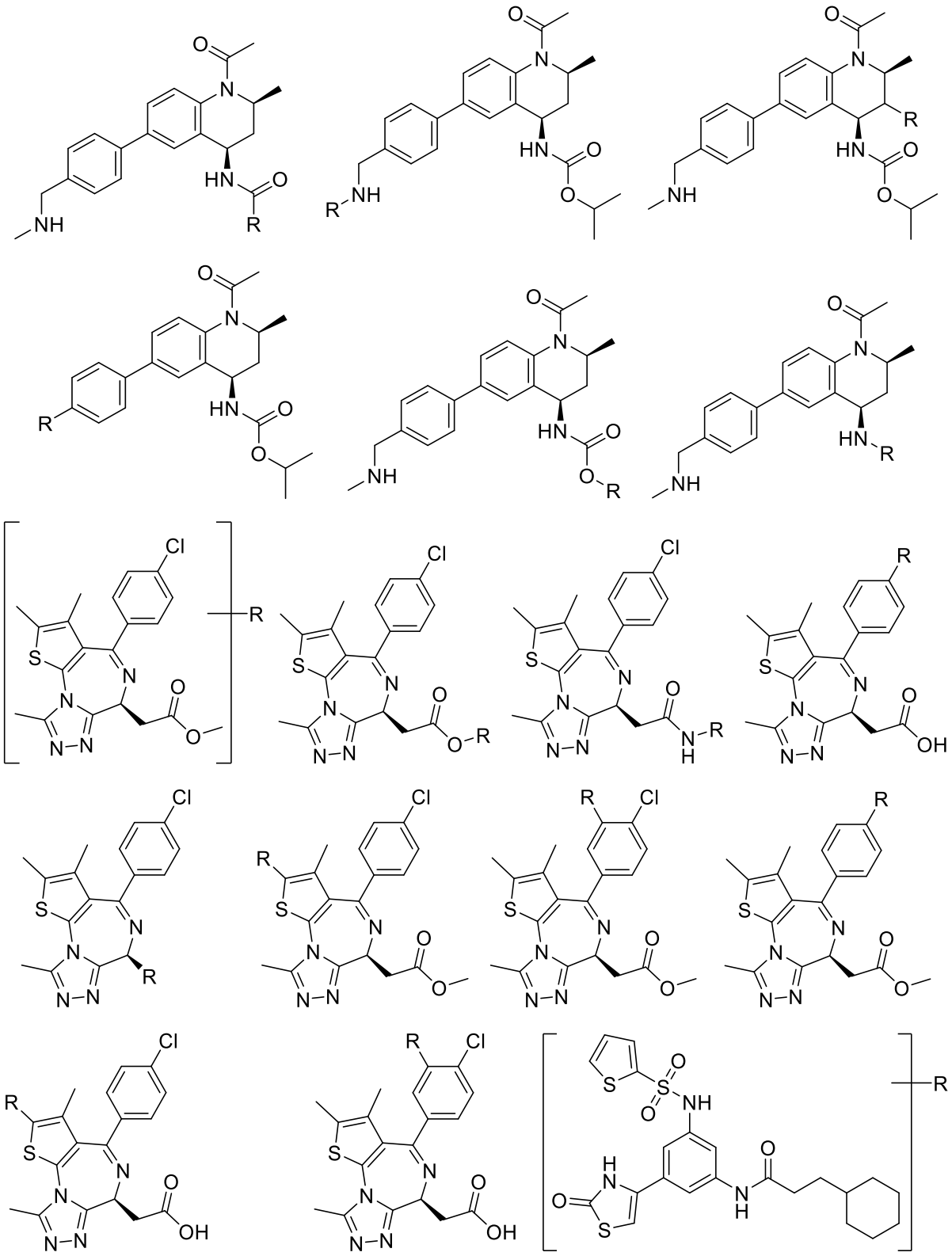


FIG. 8E

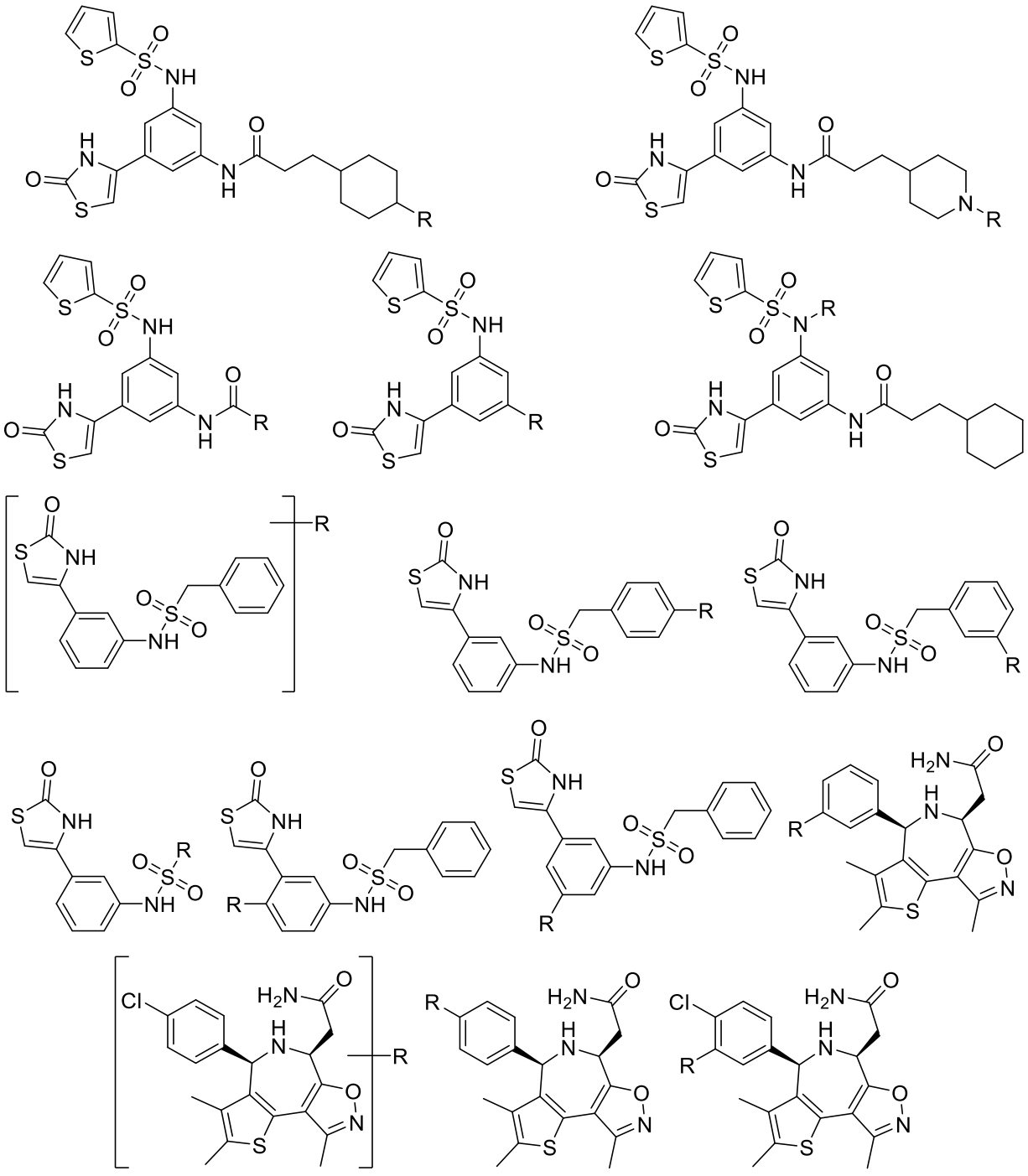


FIG. 8F

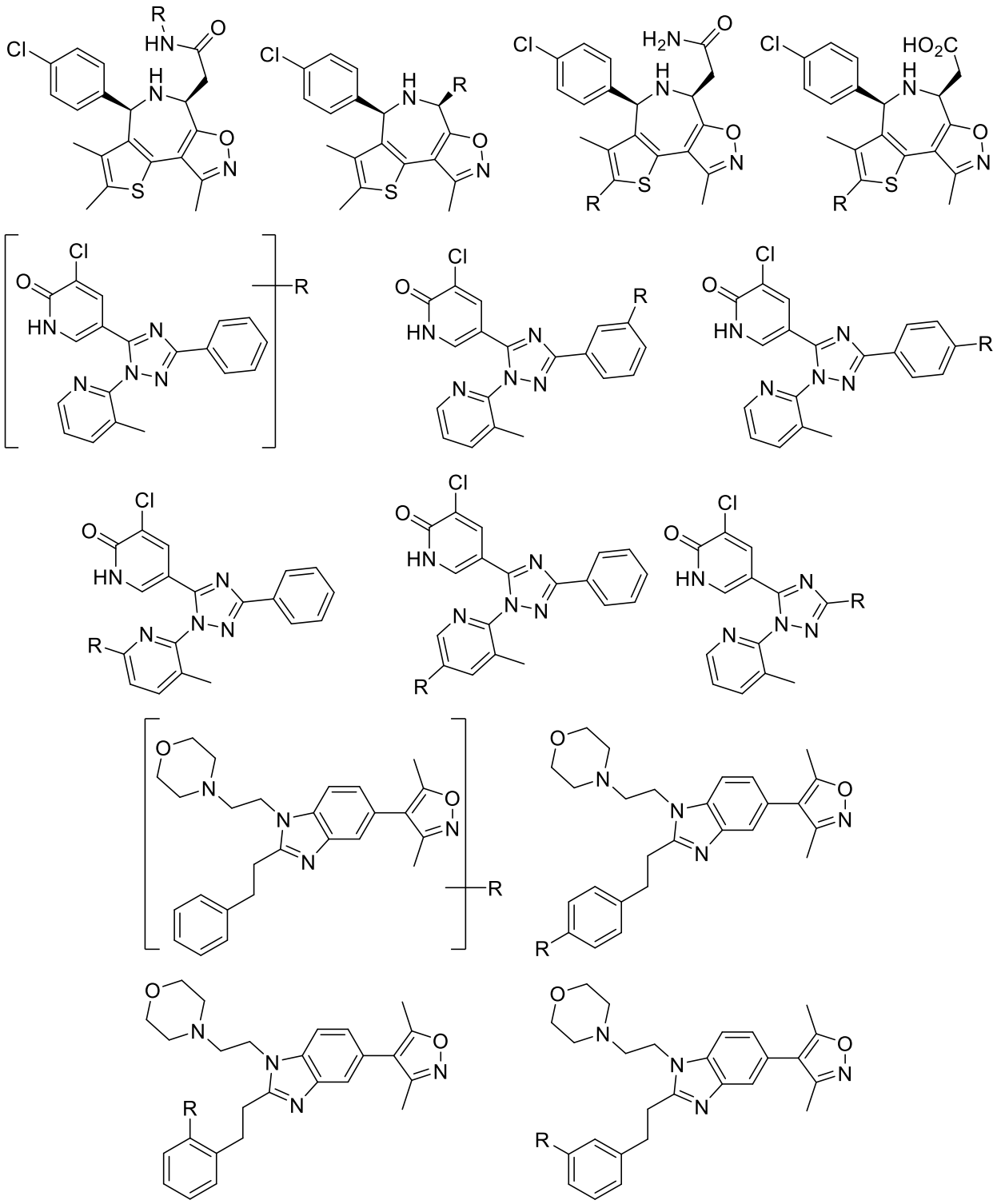


FIG. 8G

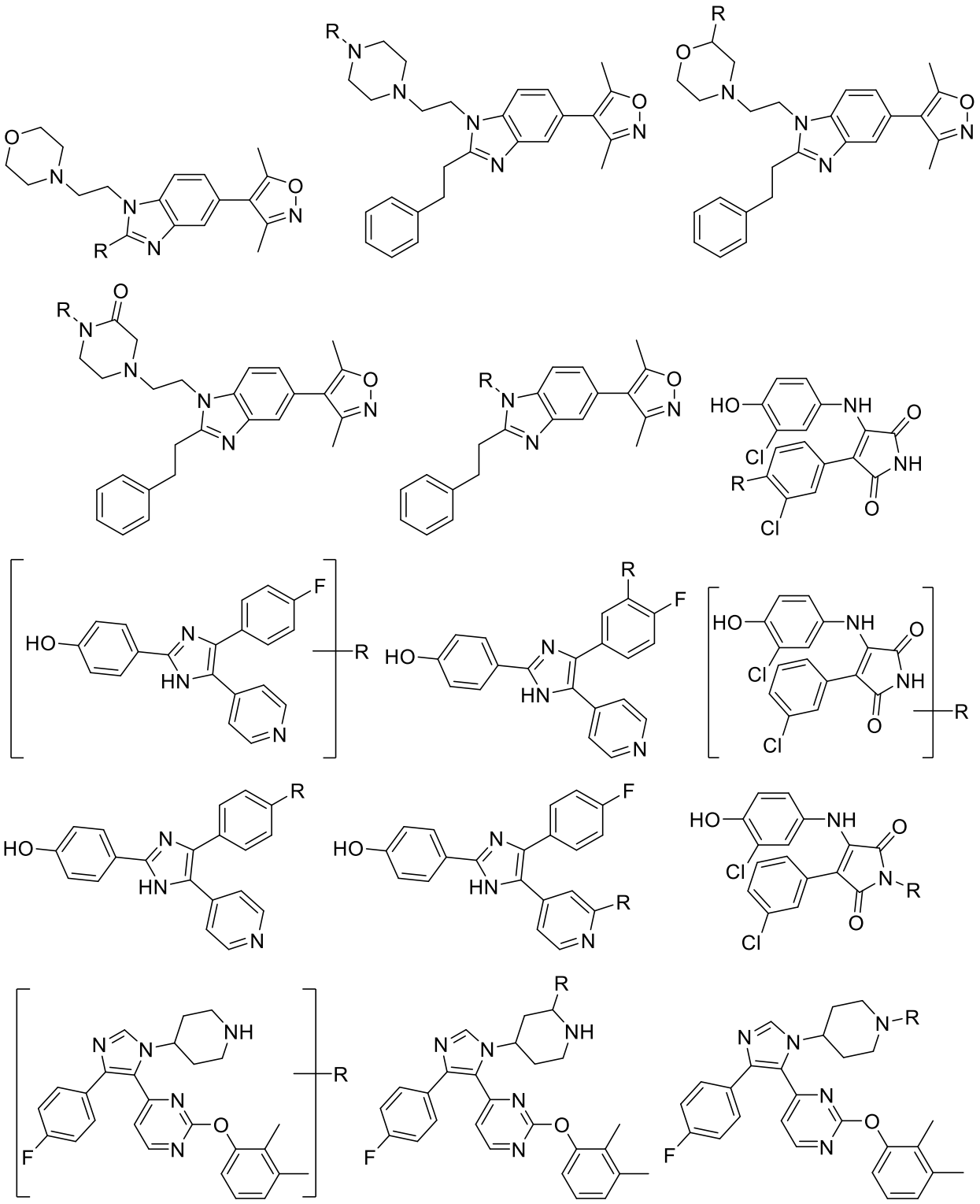


FIG. 8H

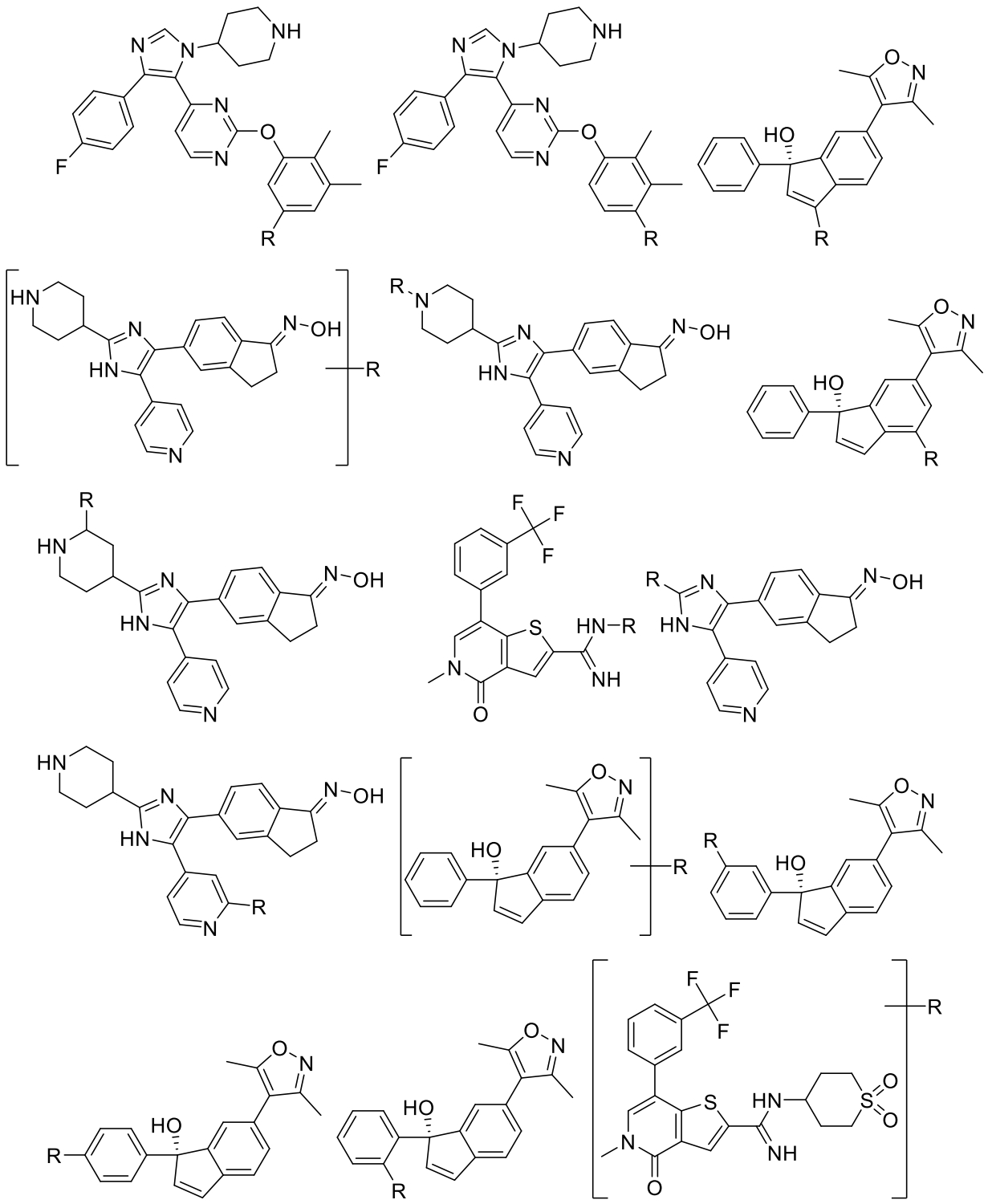


FIG. 8I

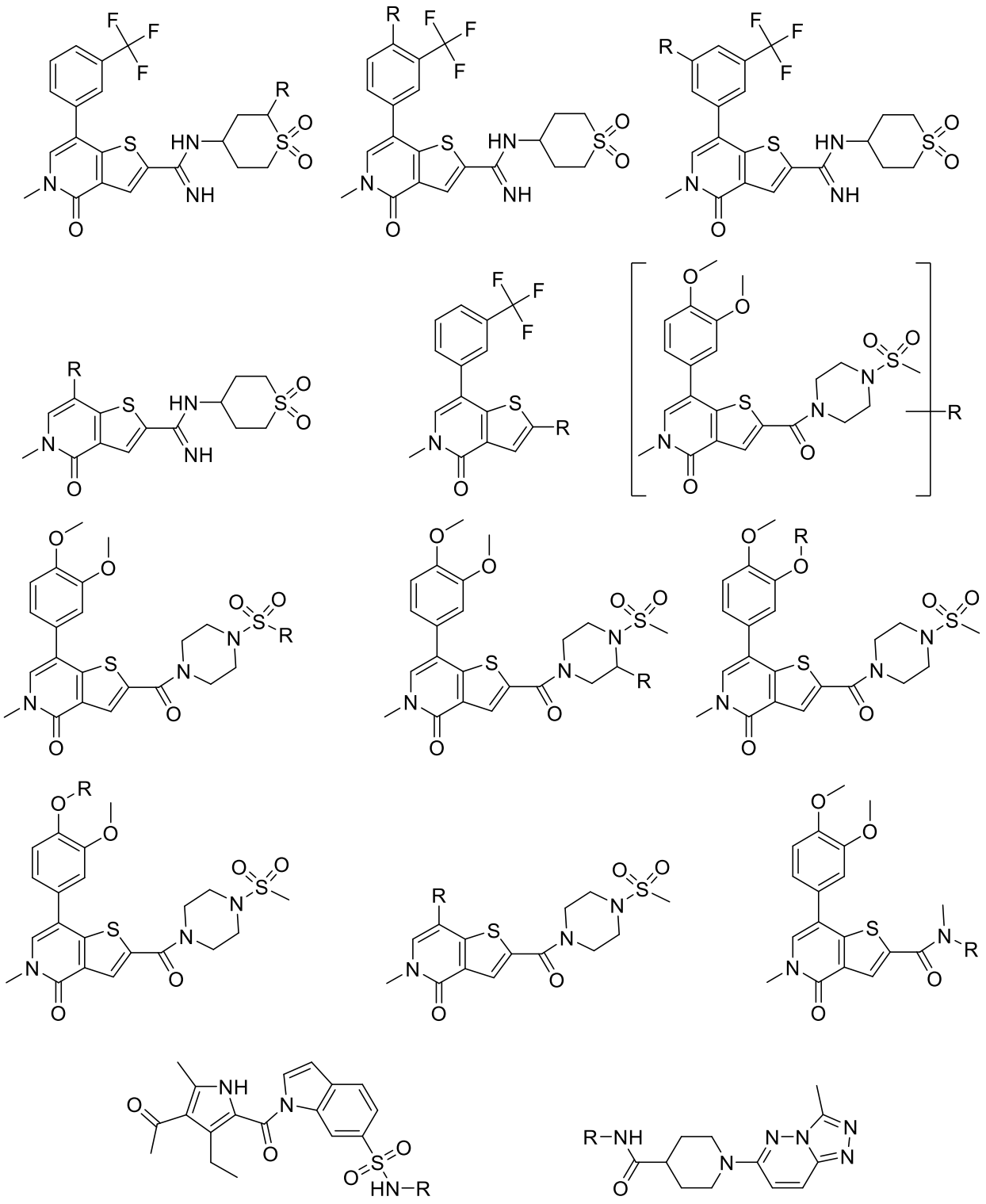


FIG. 8J

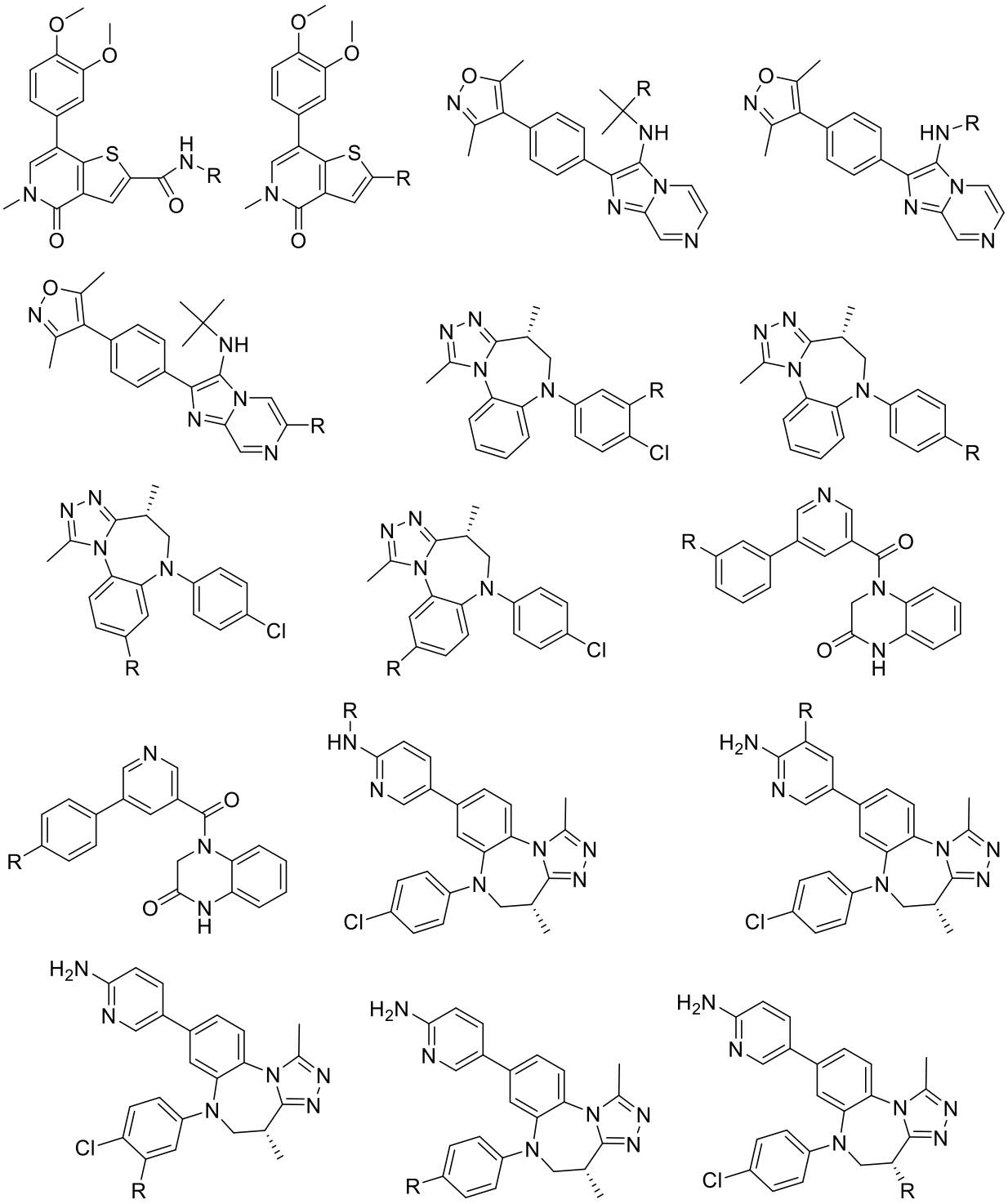


FIG. 8K

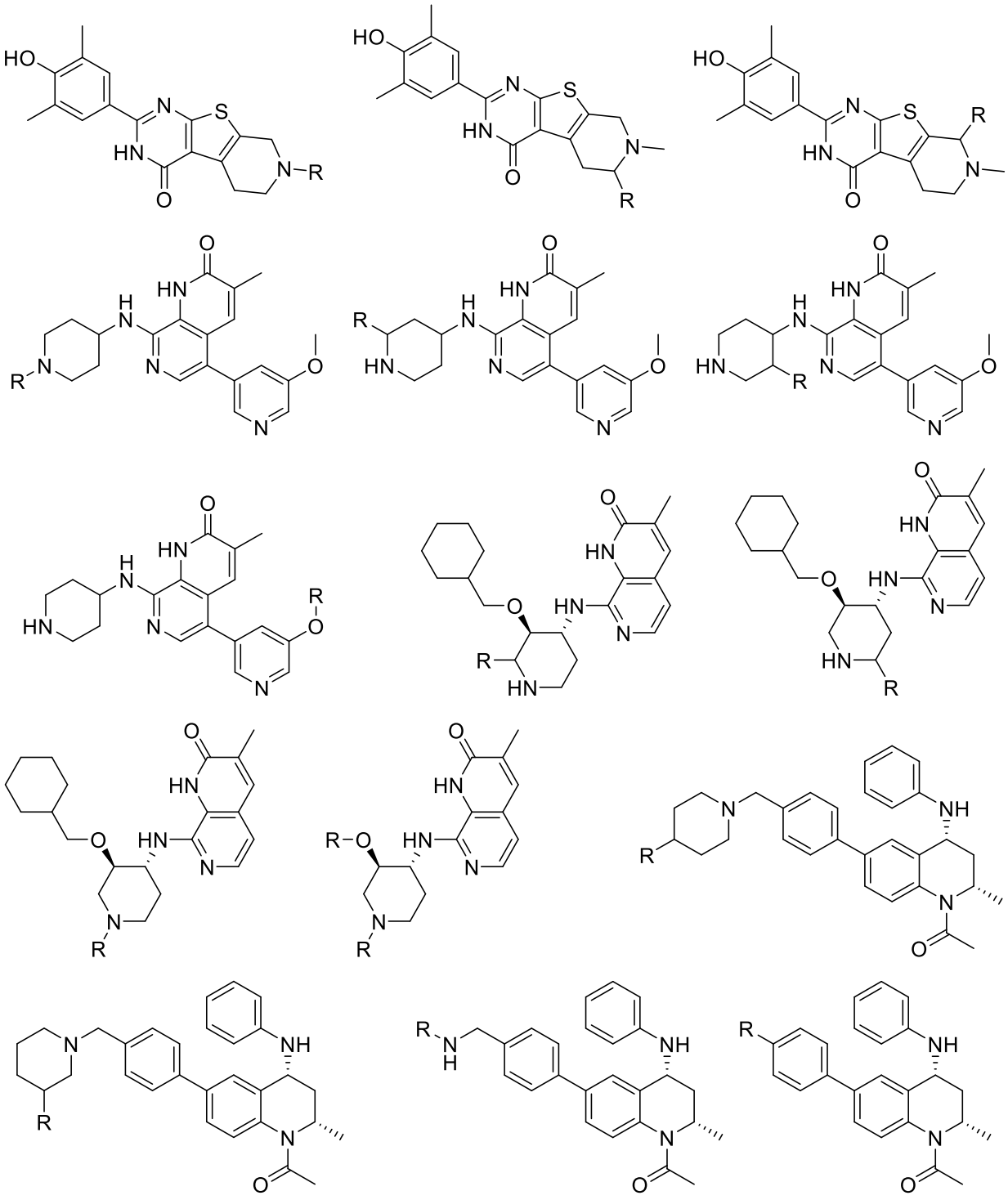


FIG. 8L

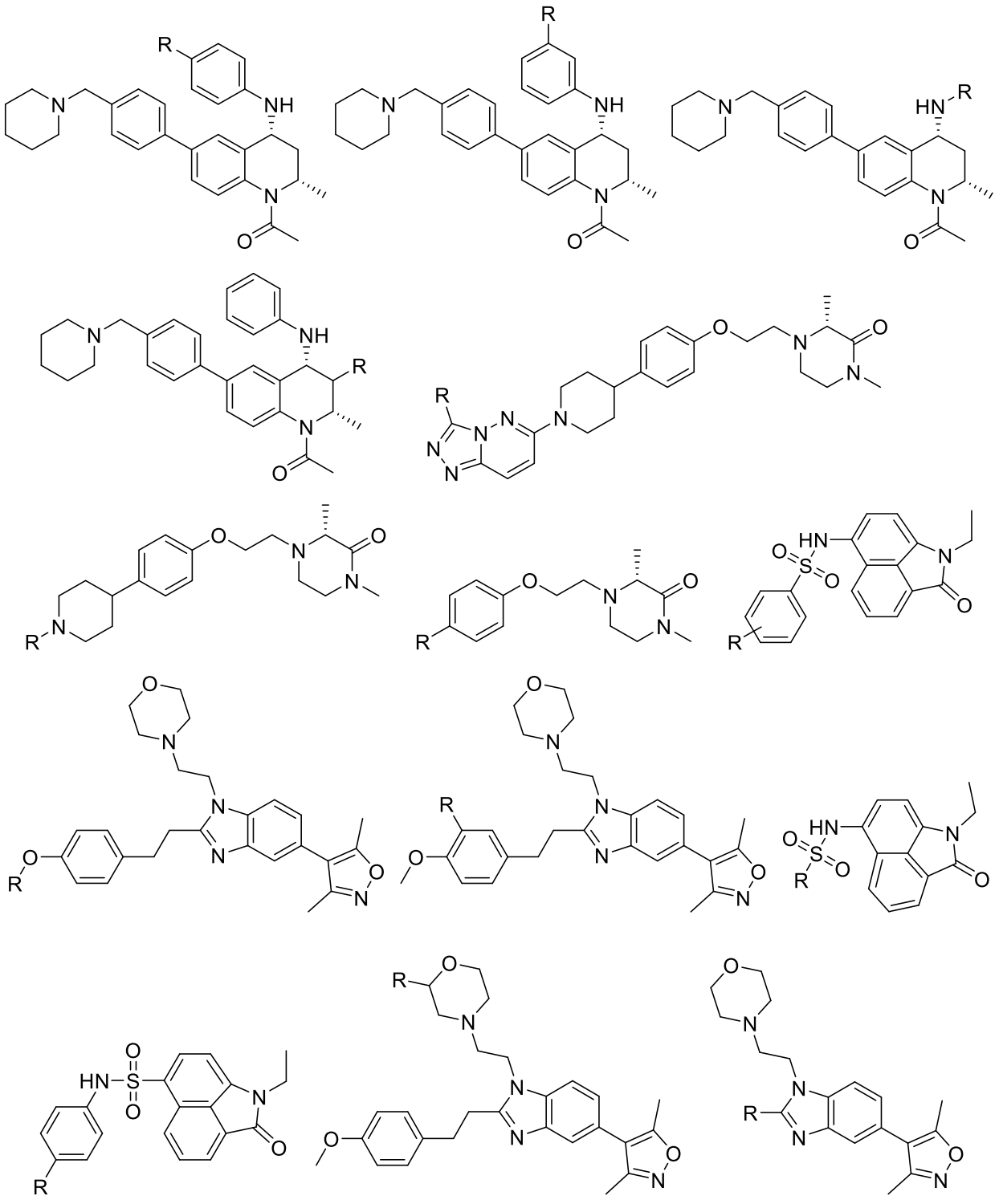


FIG. 8M

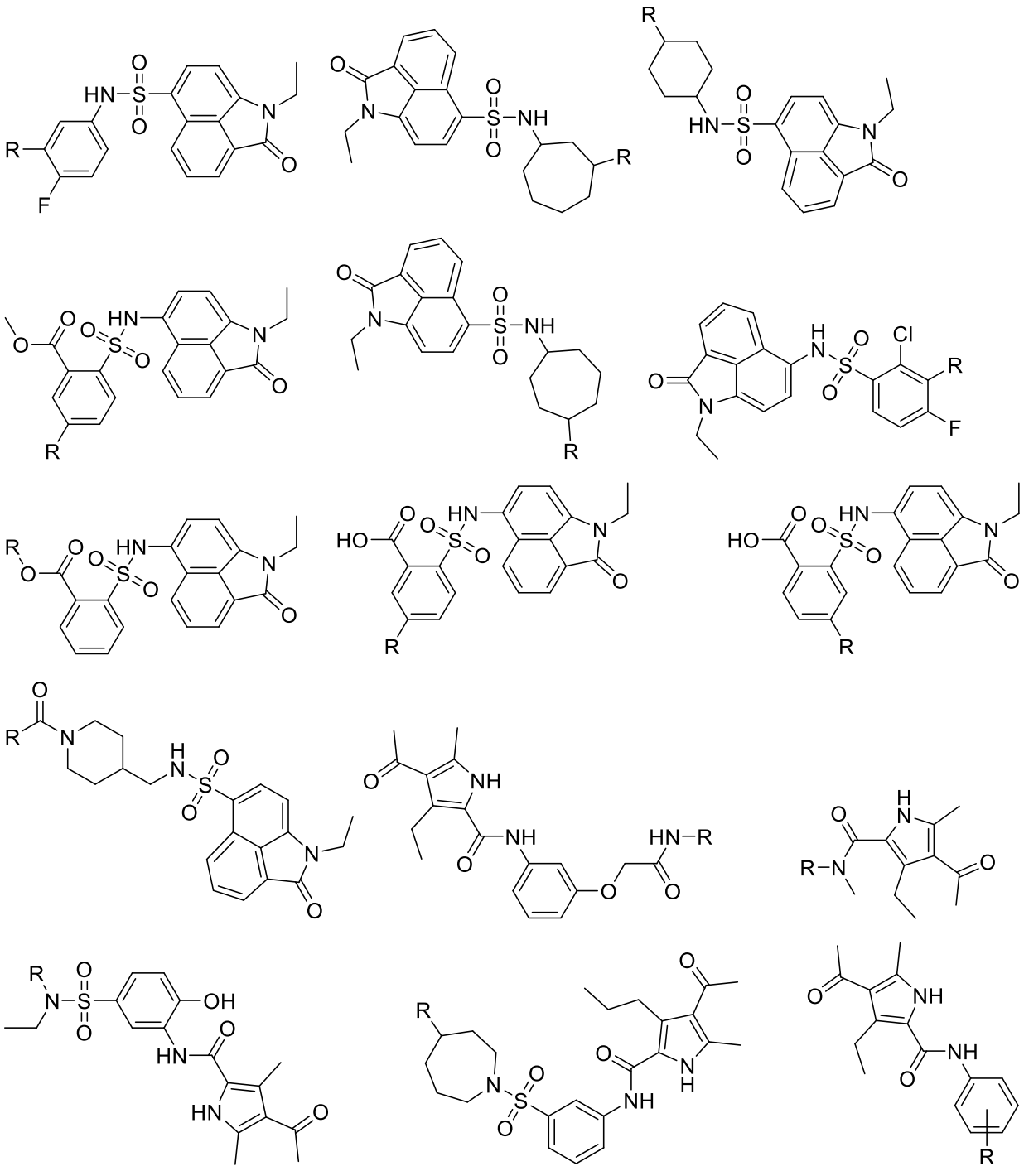


FIG. 8N

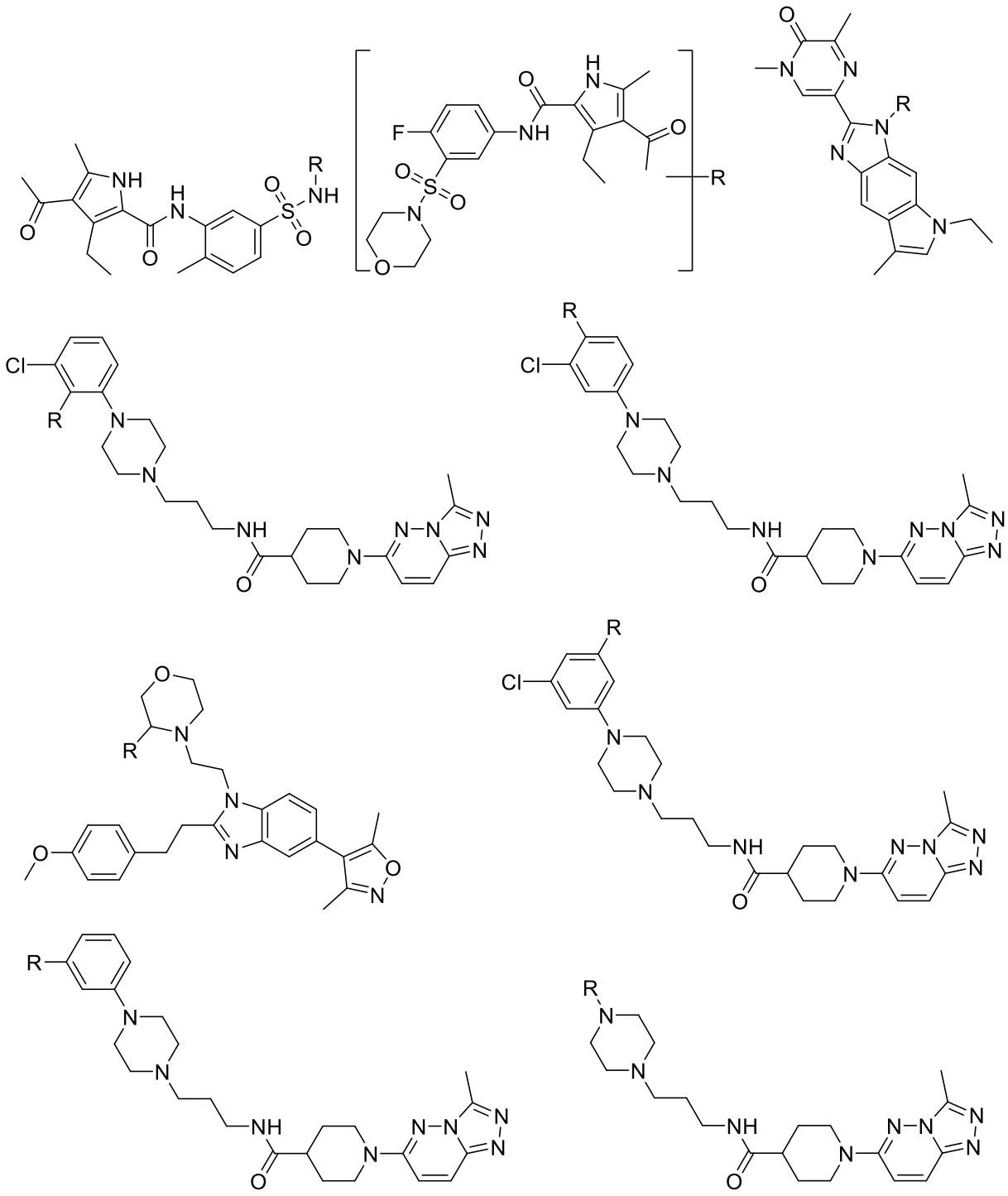


FIG. 8O

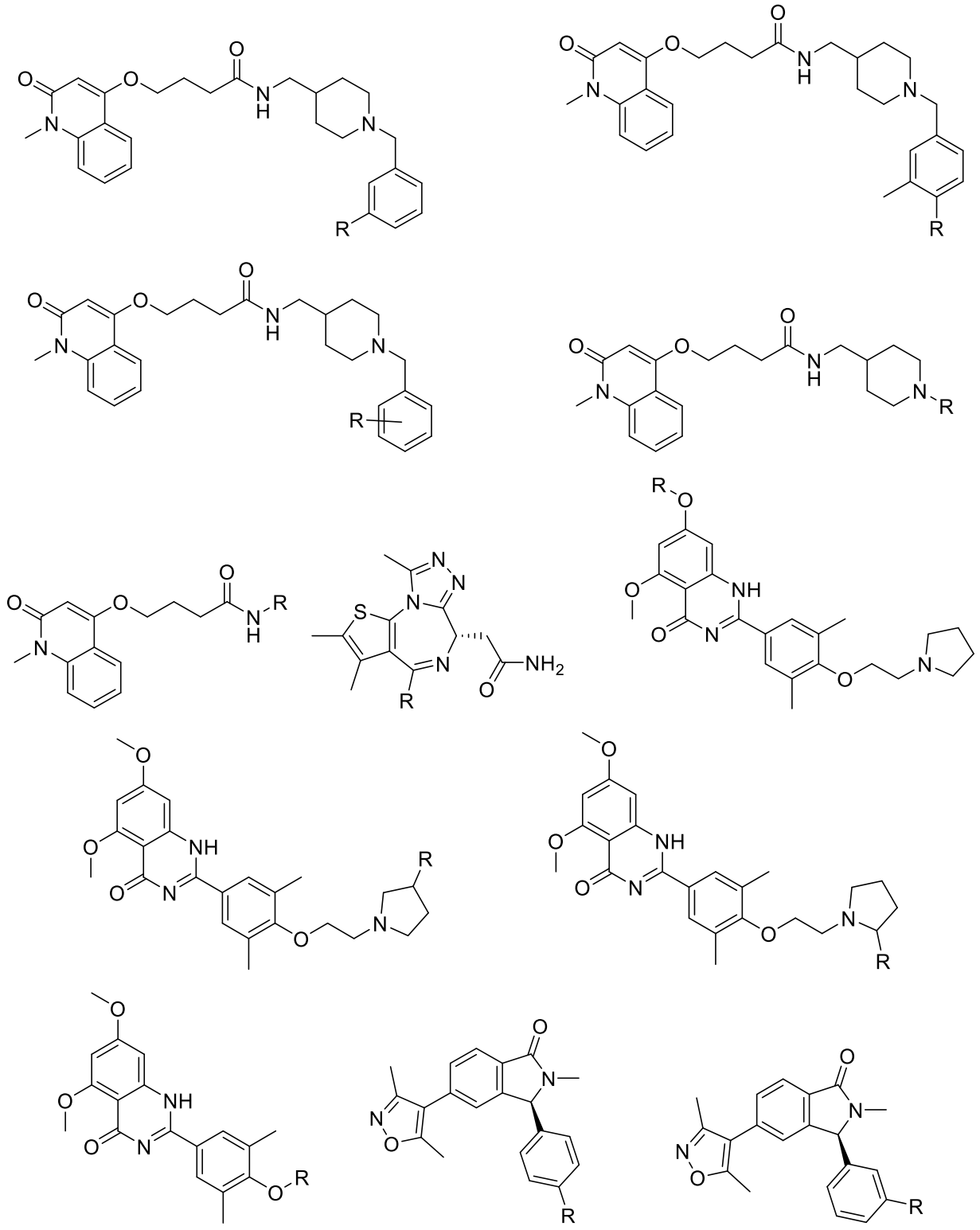


FIG. 8P

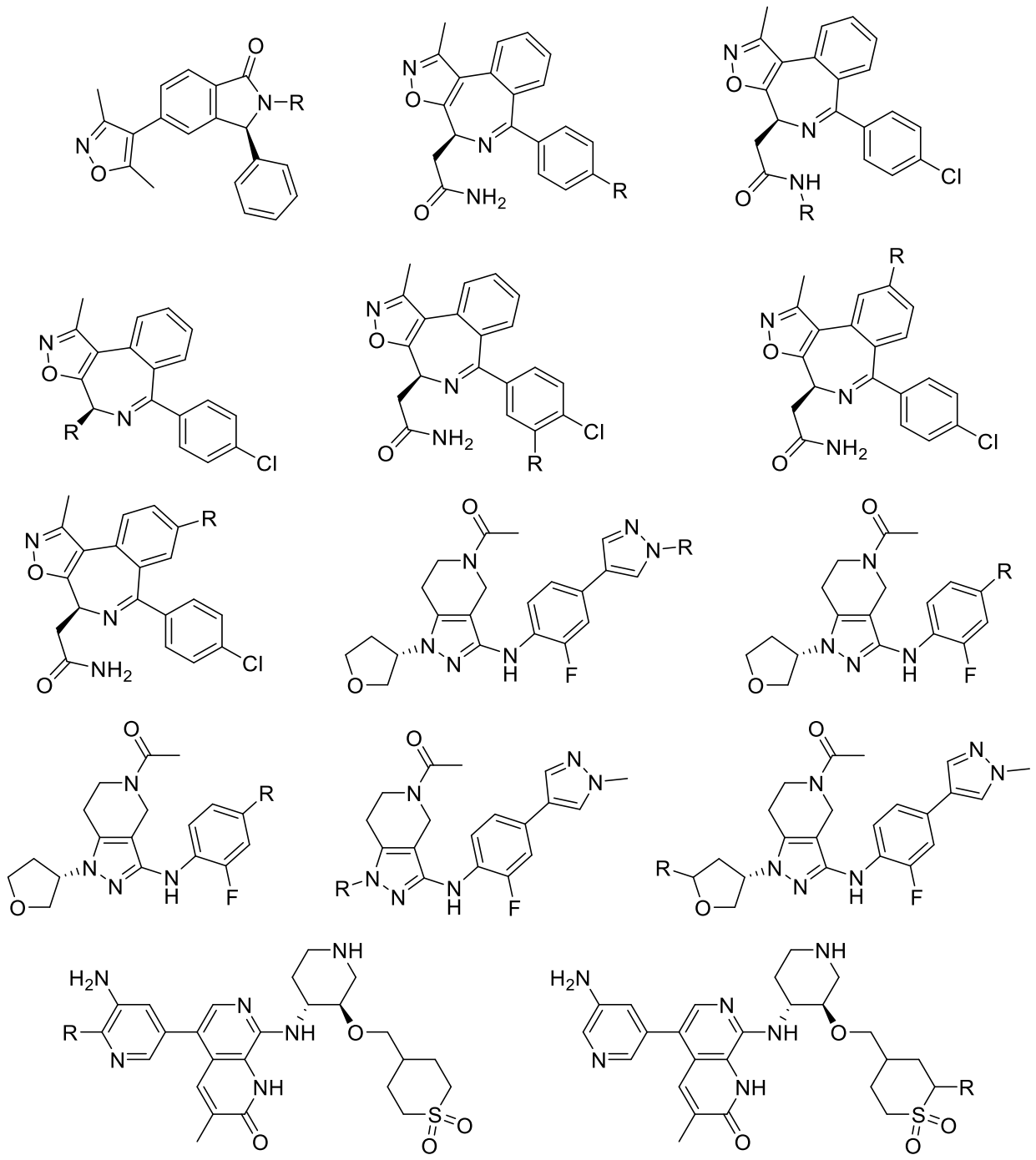


FIG. 8Q

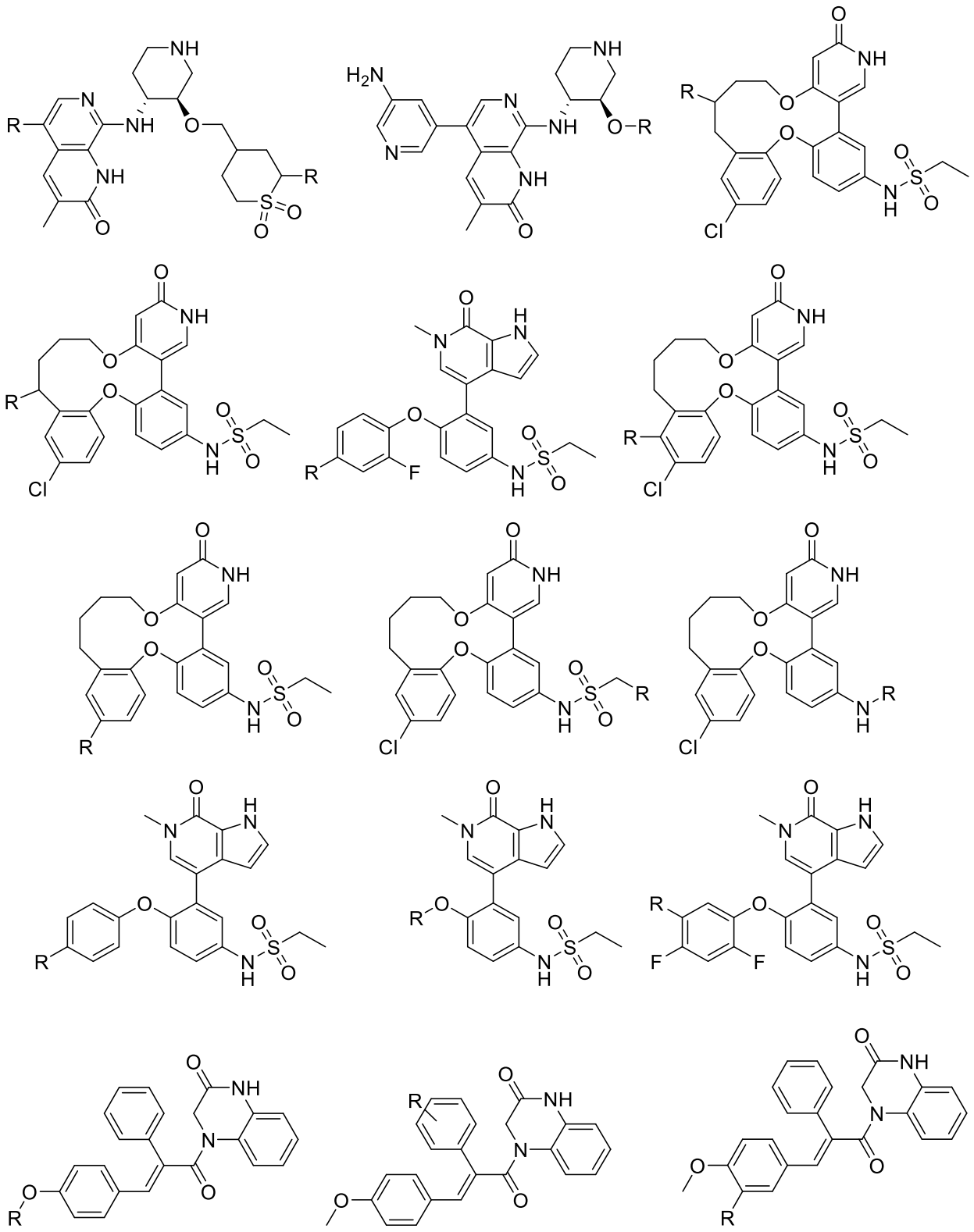


FIG. 8R

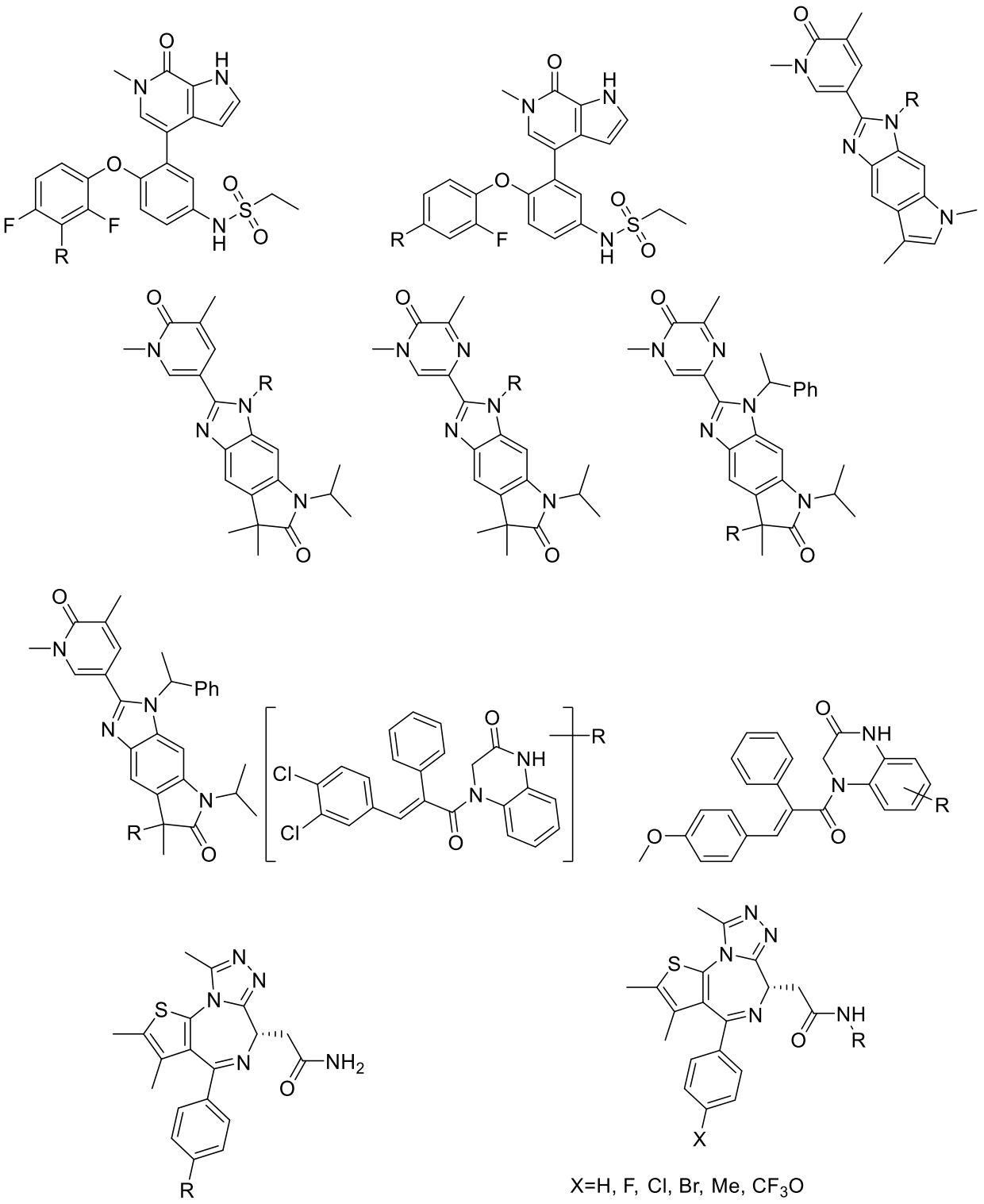
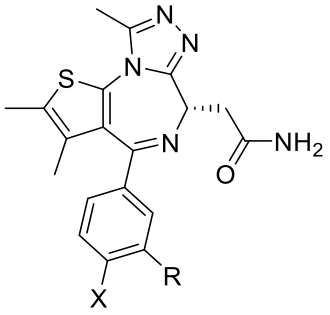
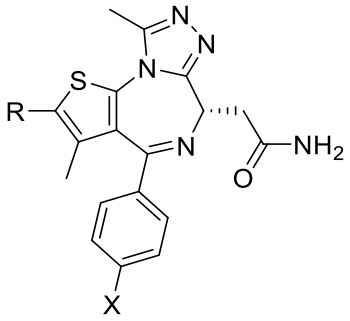


FIG. 8S



X=H, F, Cl, Br, Me, CF_3O



X=H, F, Cl, Br, Me, CF_3O

FIG. 8T

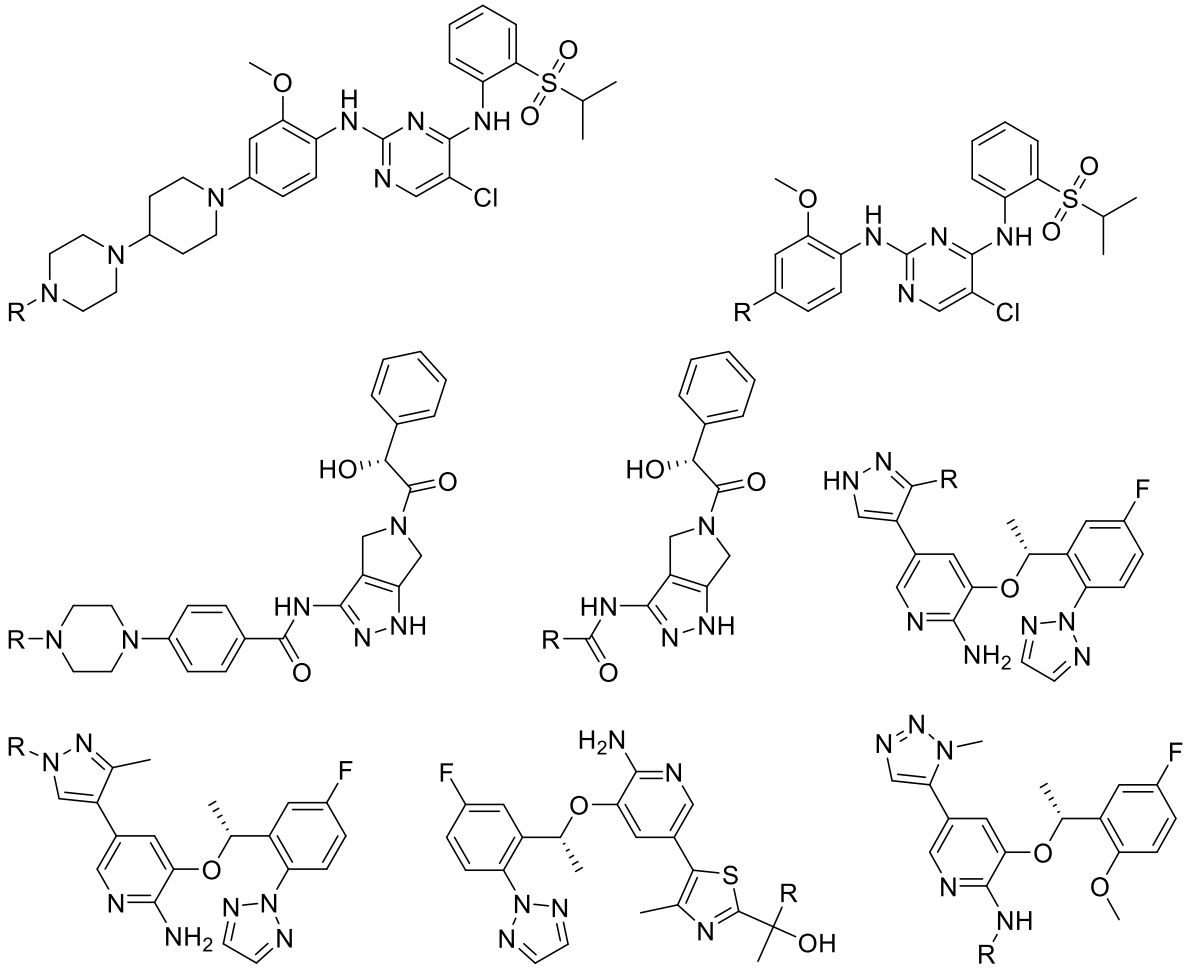


FIG. 8U

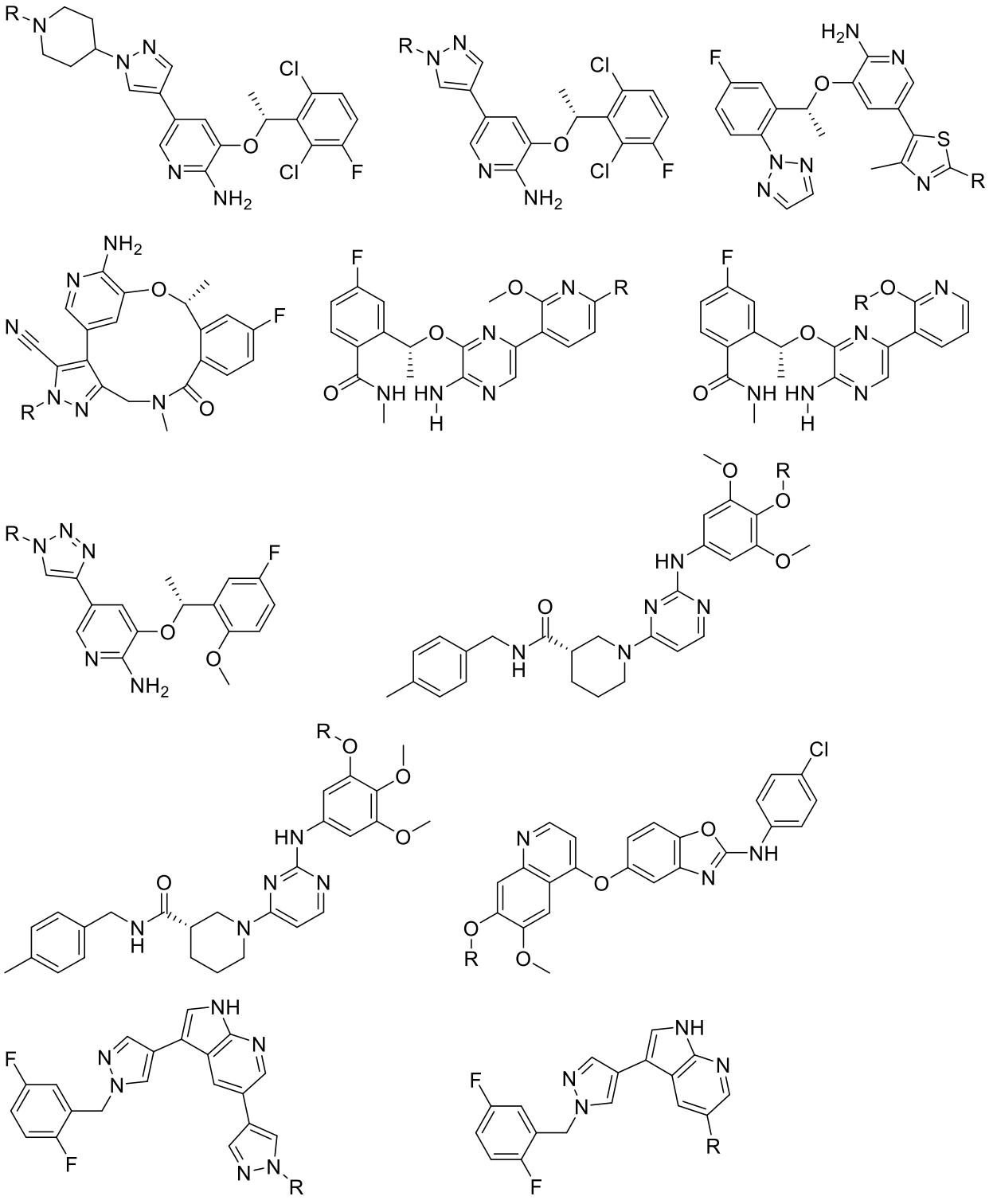


FIG. 8V

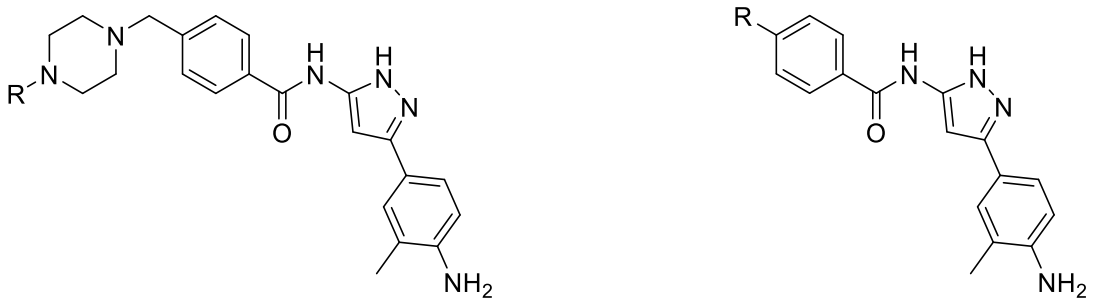


FIG. 8W

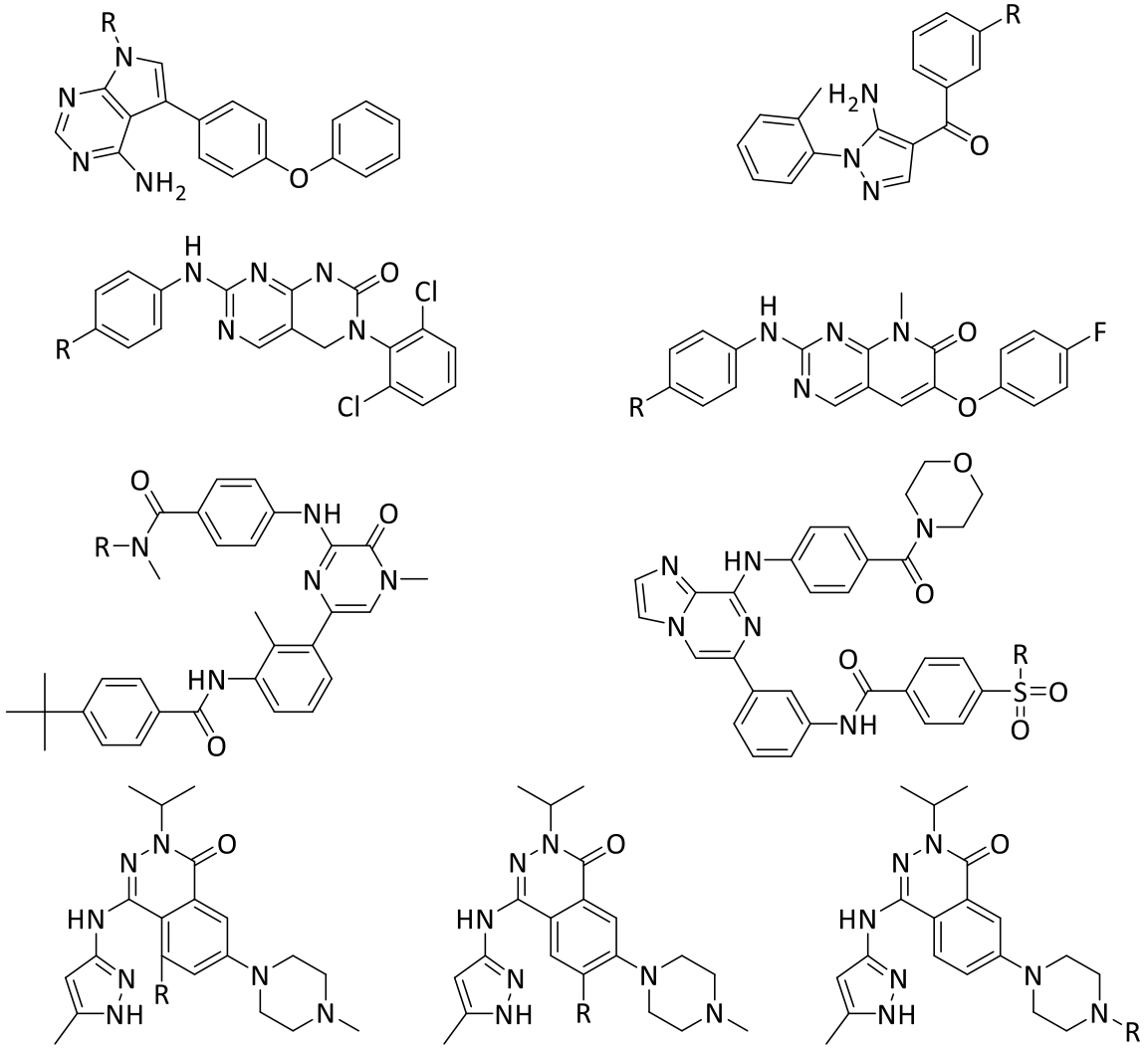


FIG. 8X

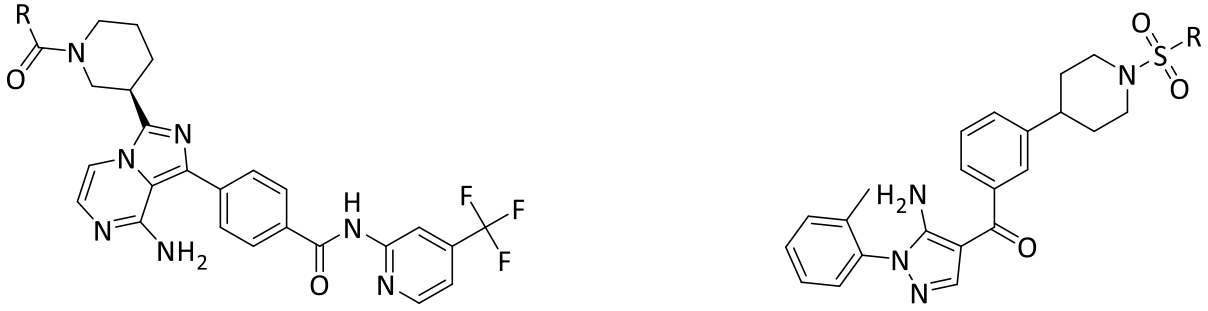


FIG. 8Y

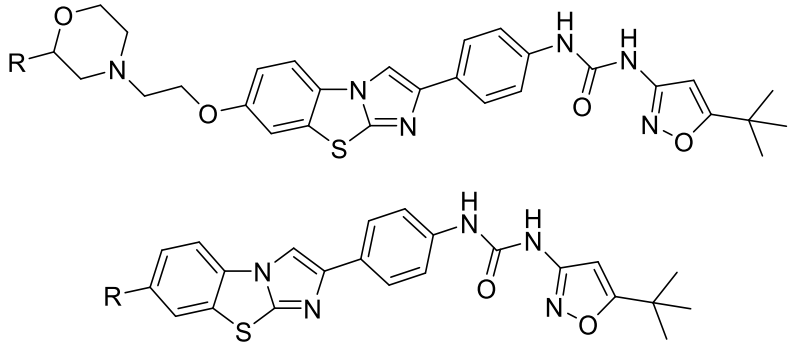


FIG. 8Z

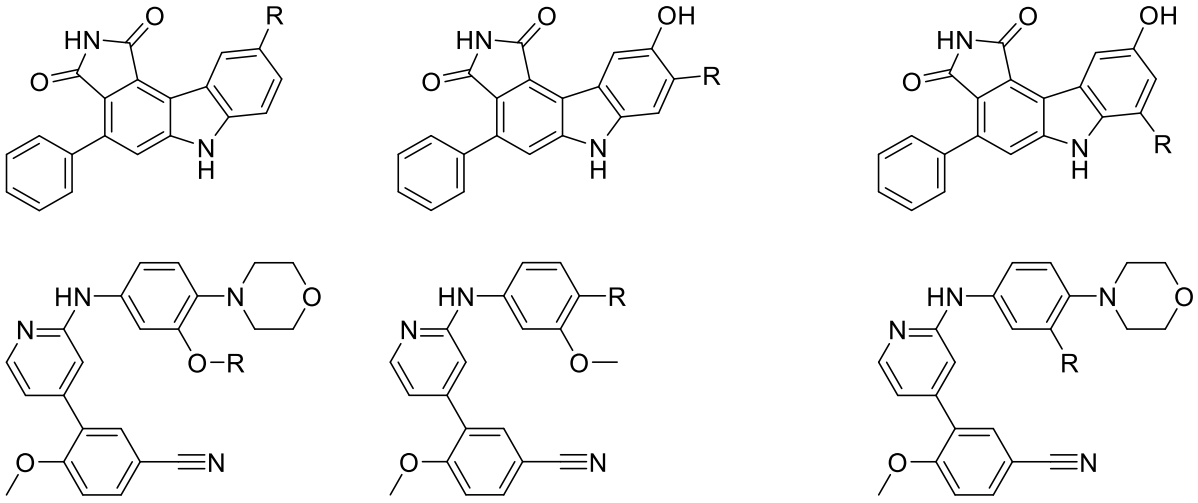


FIG. 8AA

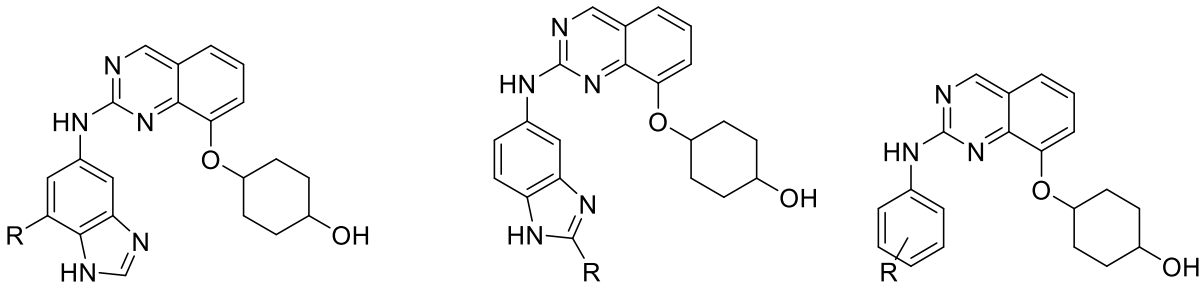


FIG. 8BB

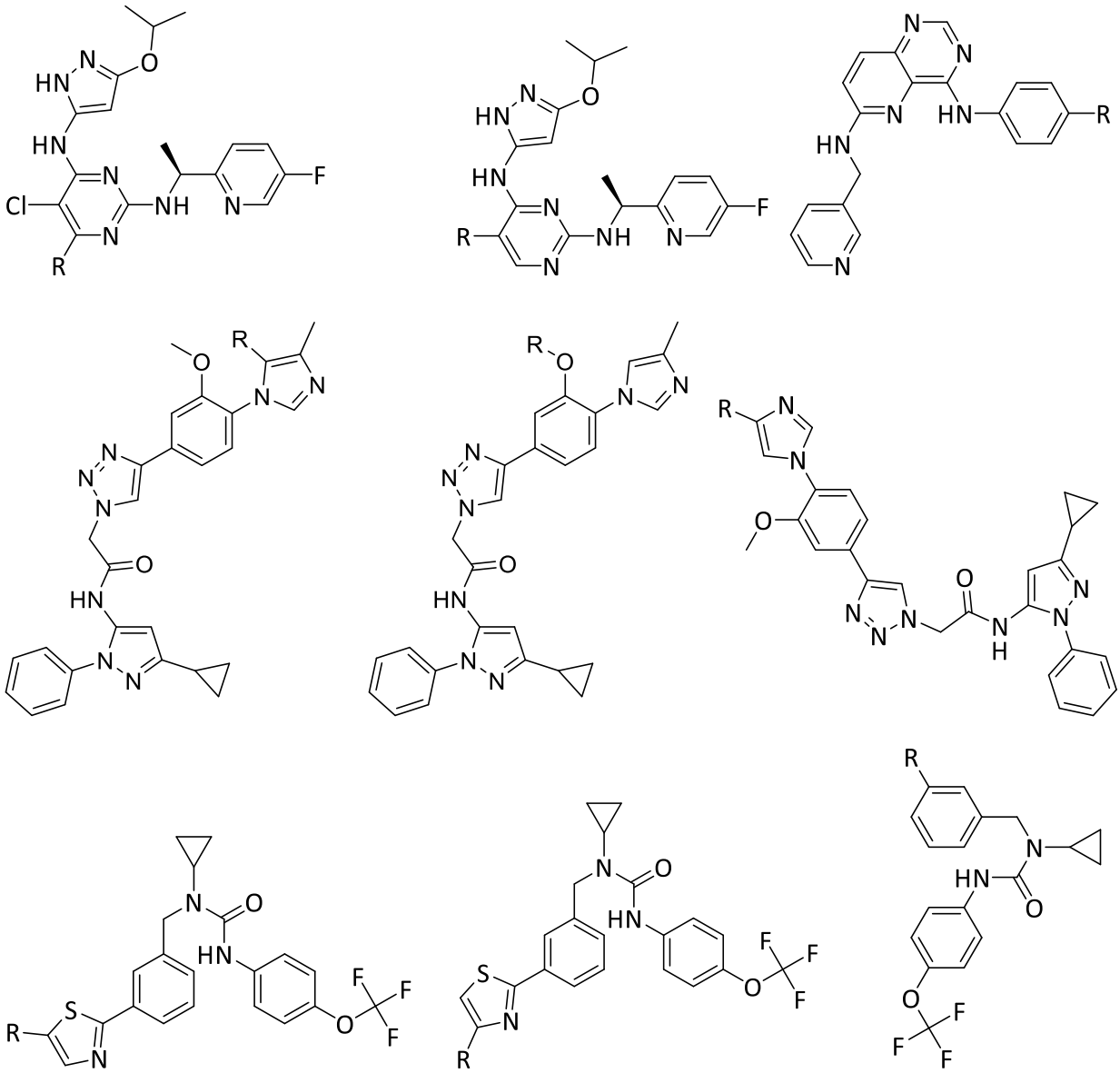


FIG. 8CC

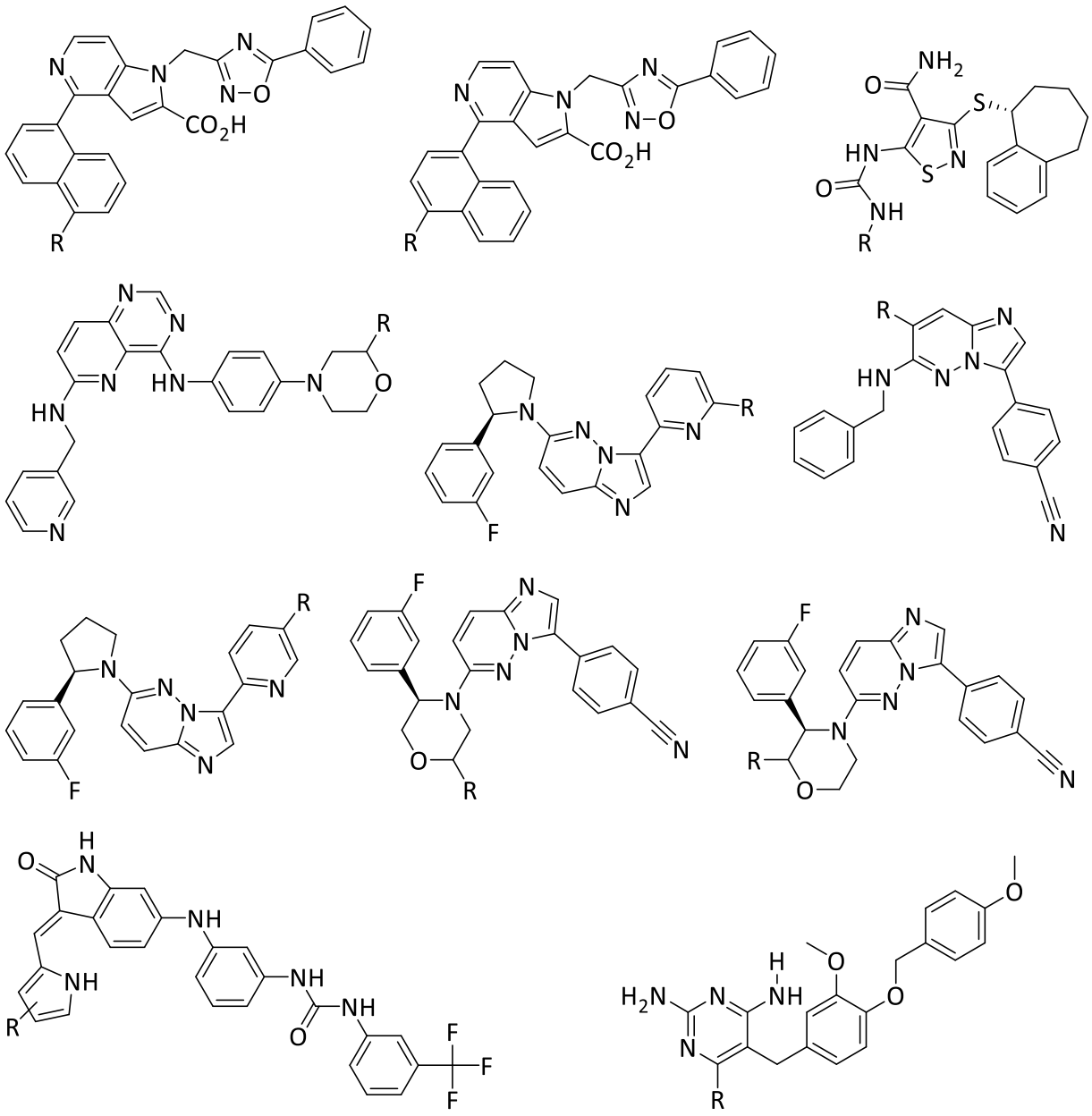


FIG. 8DD

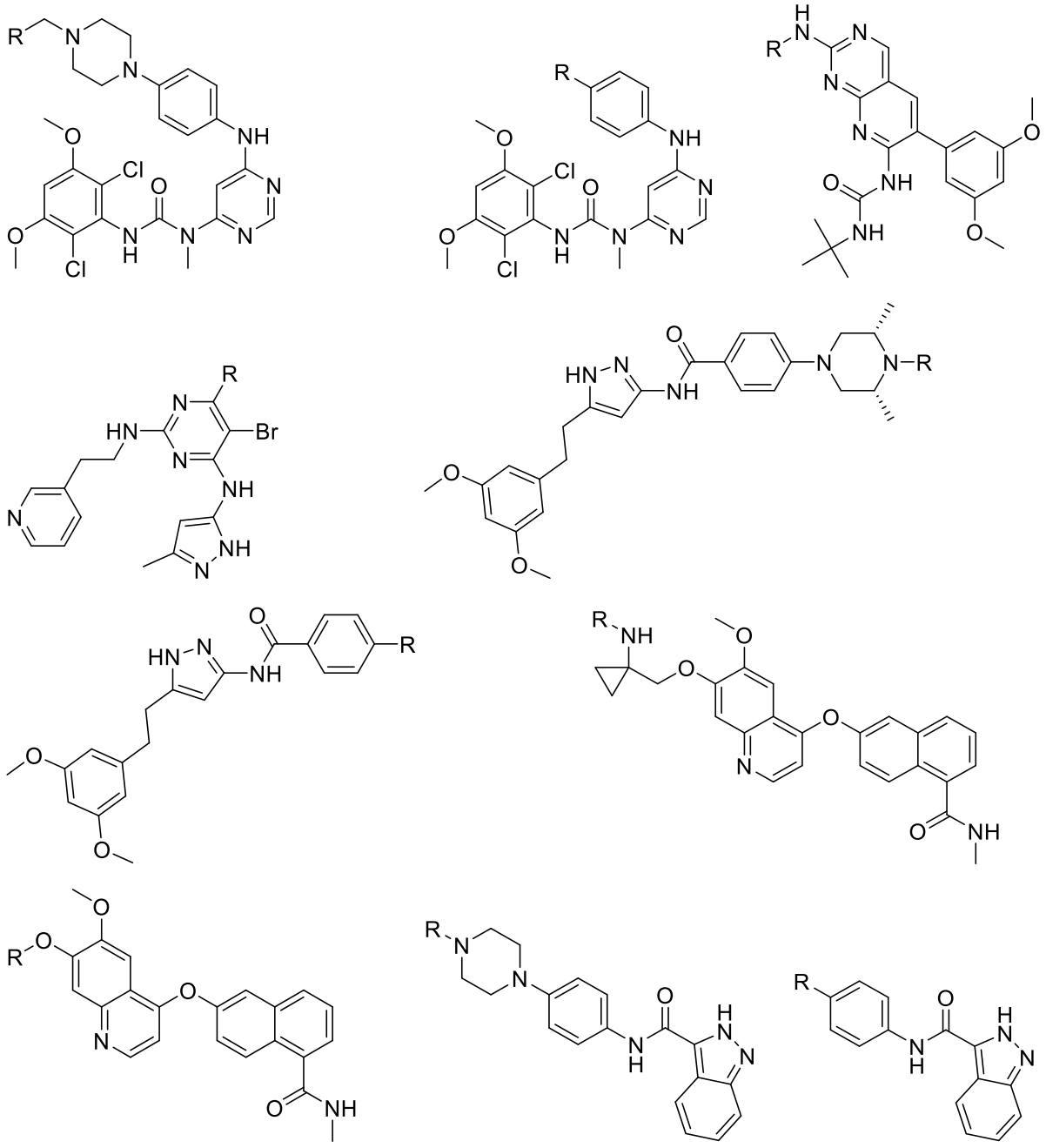


FIG. 8EE

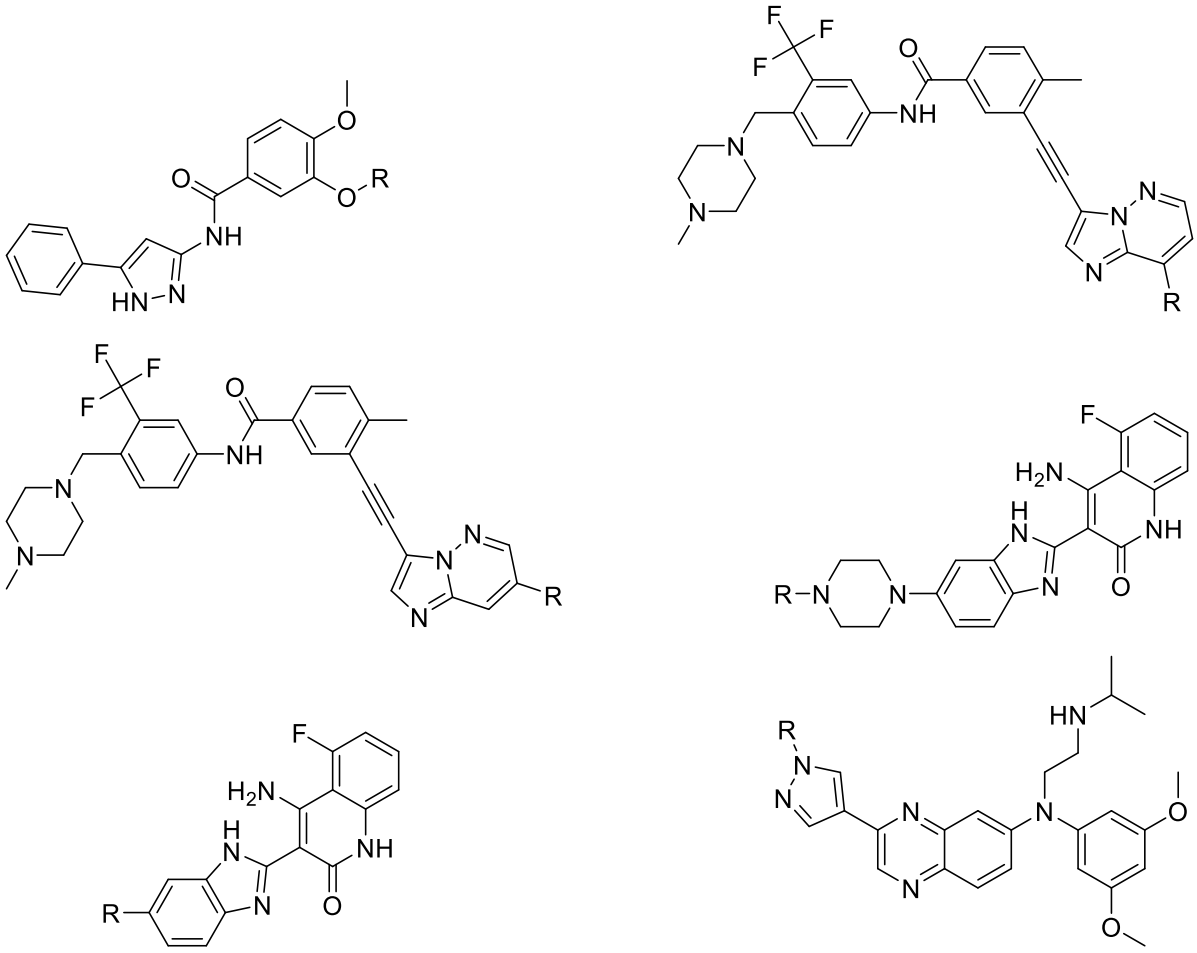


FIG. 8FF

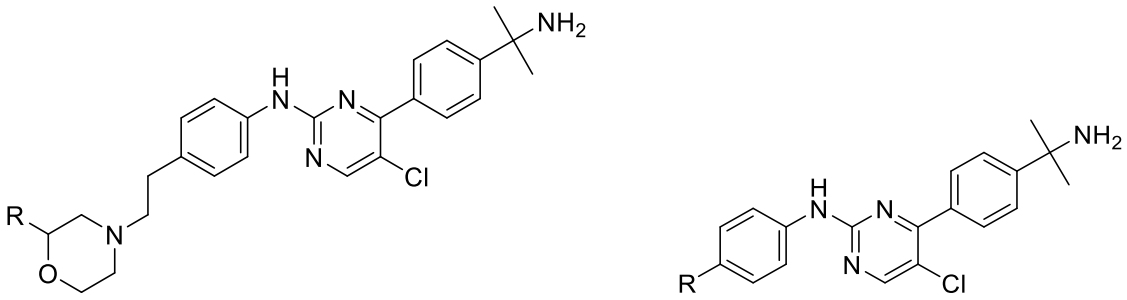


FIG. 8GG

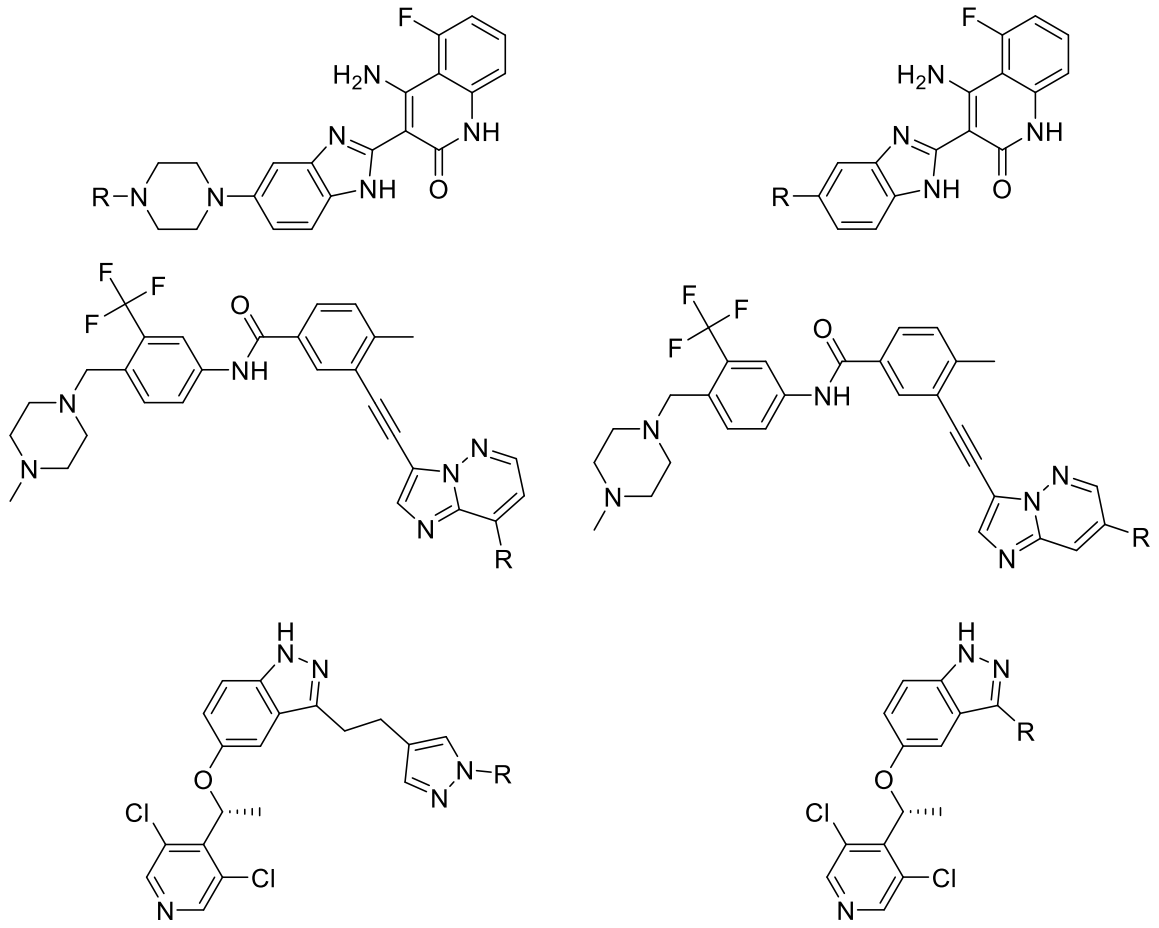


FIG. 8HH

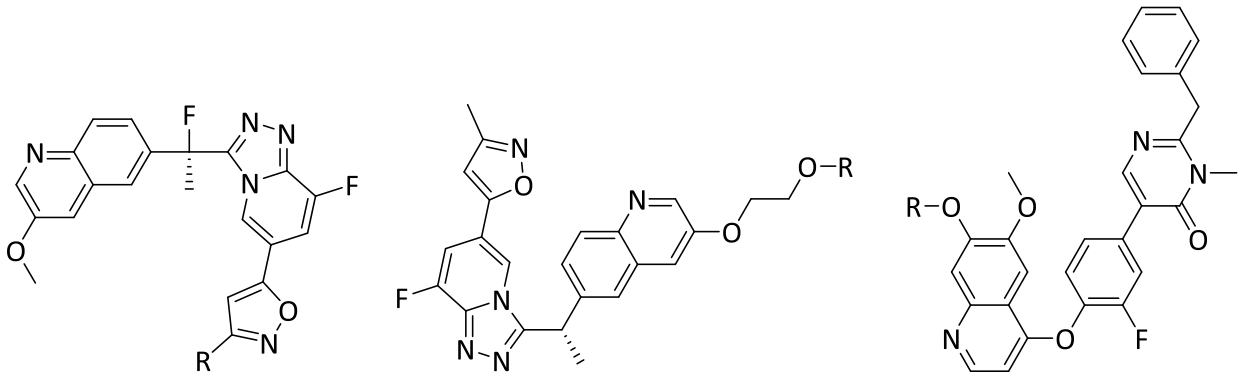


FIG. 8II

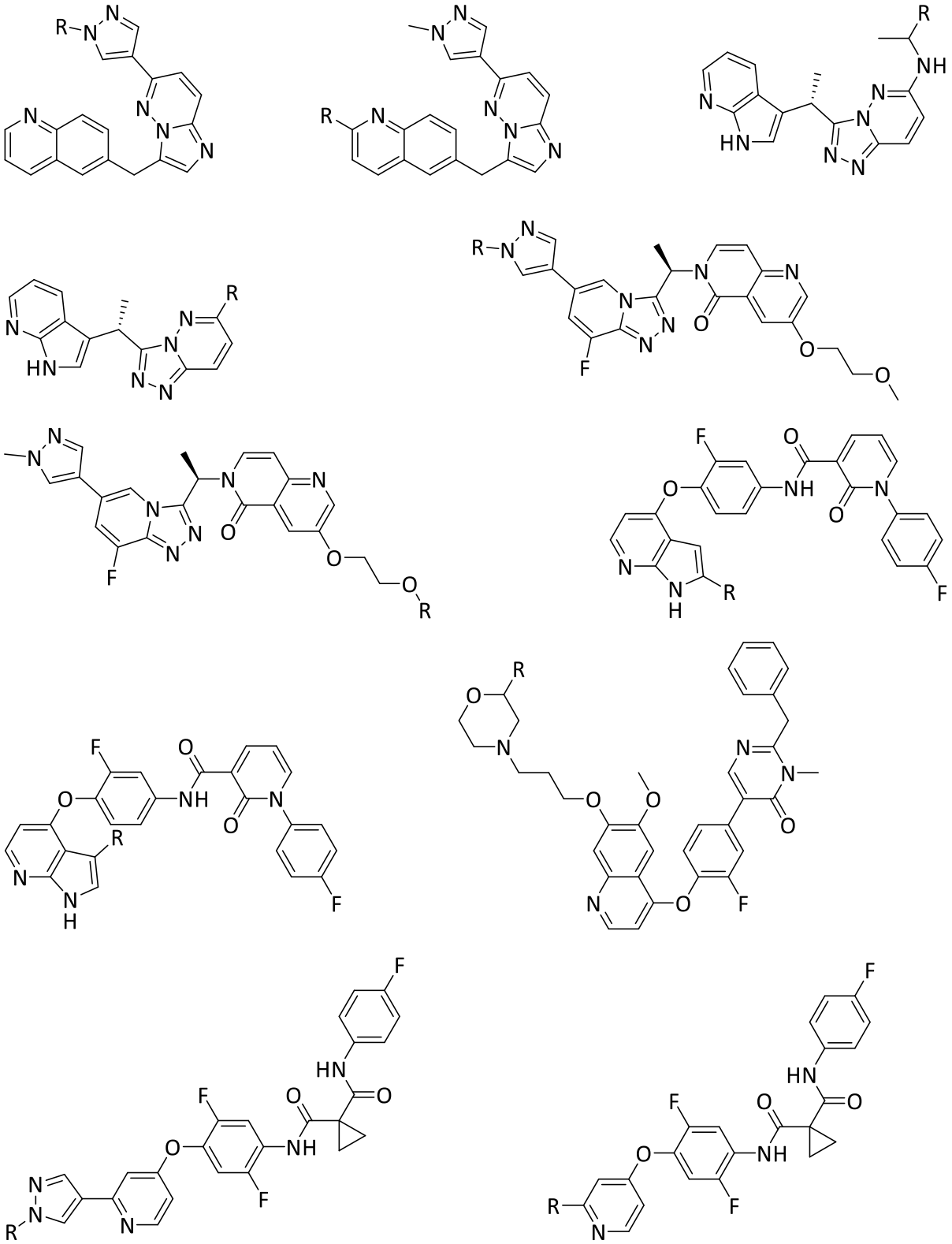


FIG. 8JJ

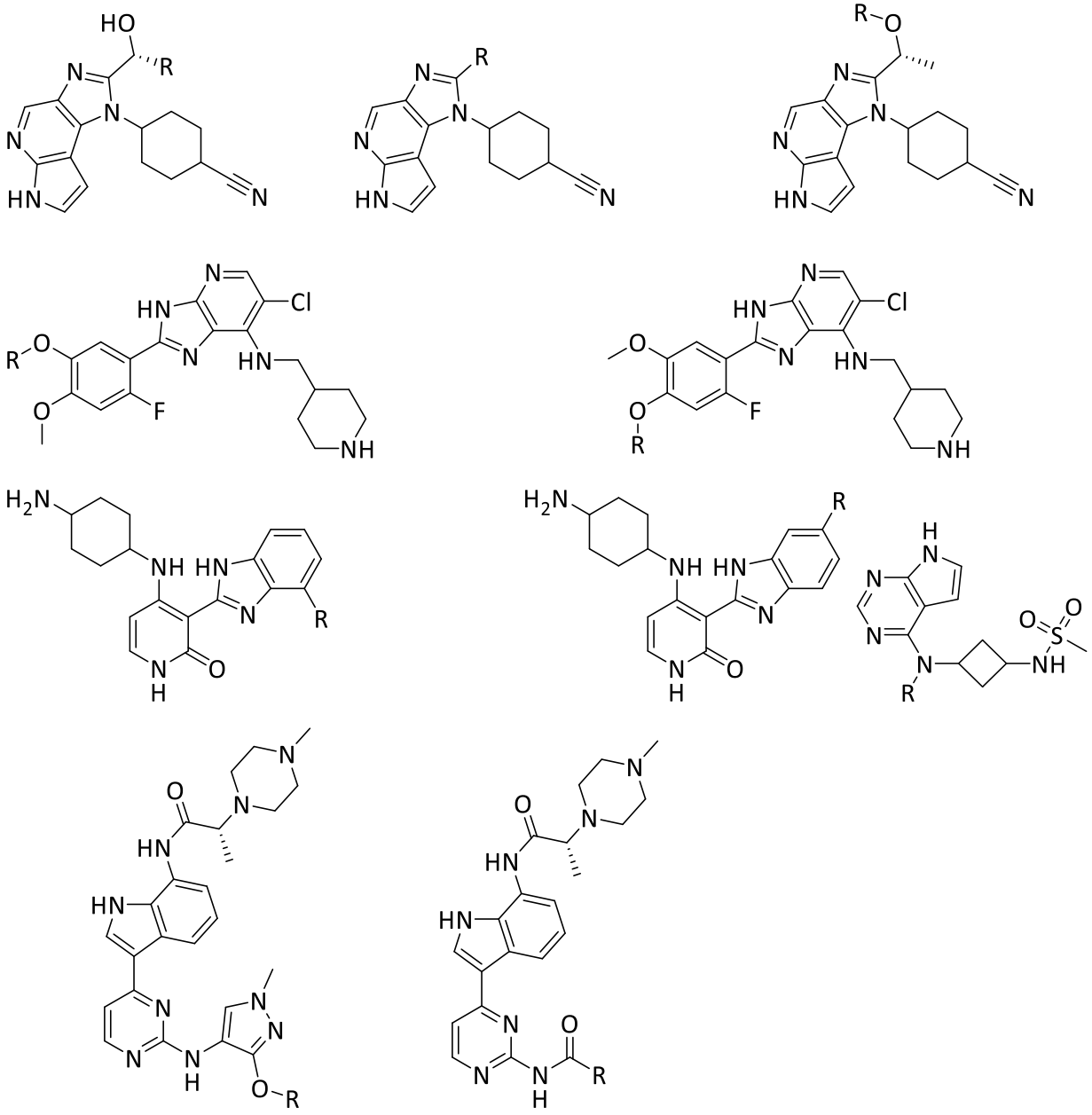


FIG. 8KK

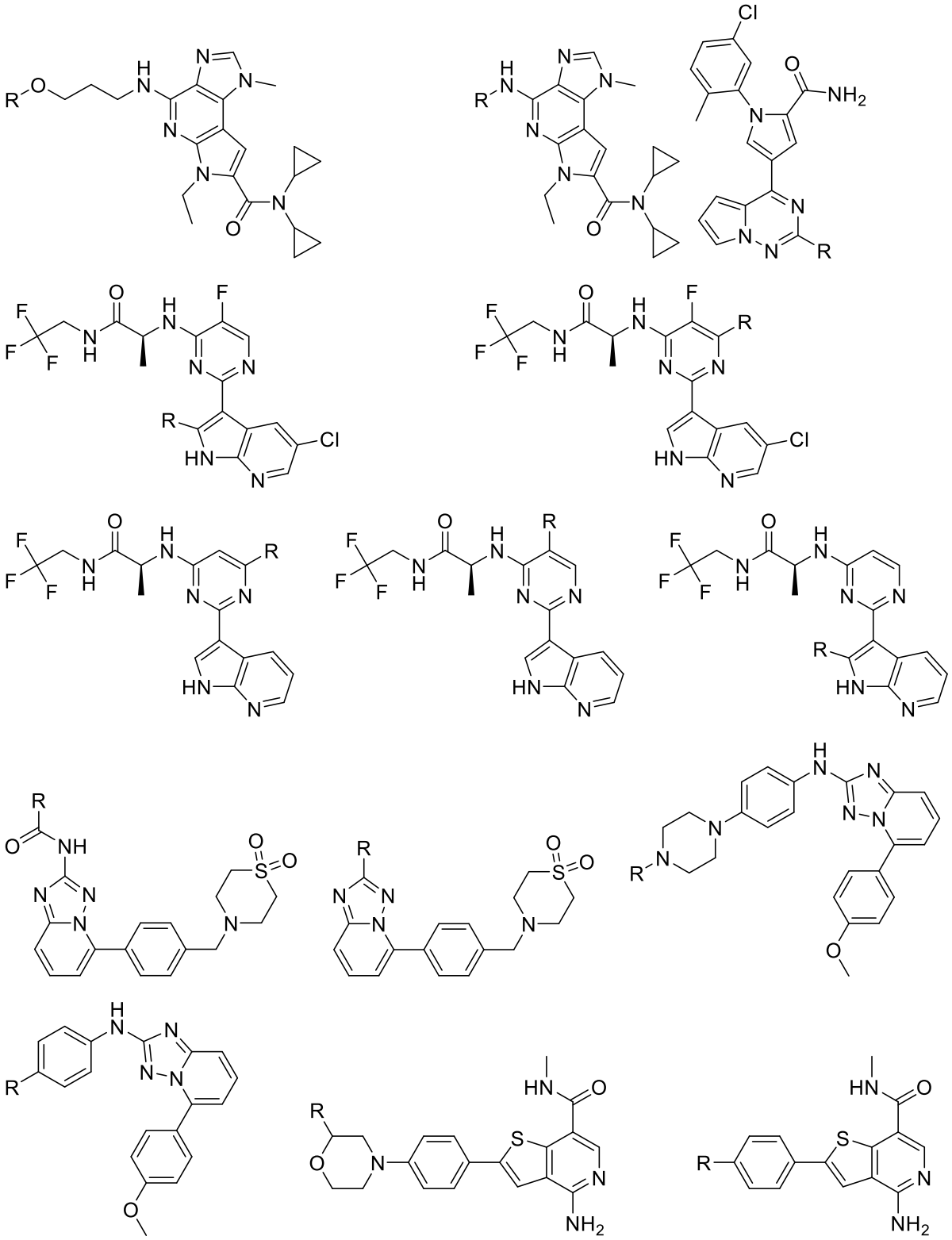


FIG. 8LL

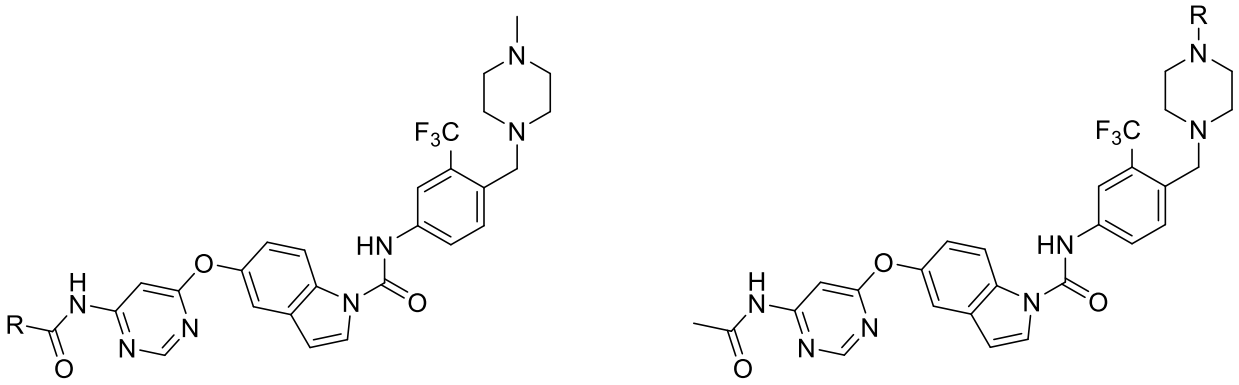


FIG. 8MM

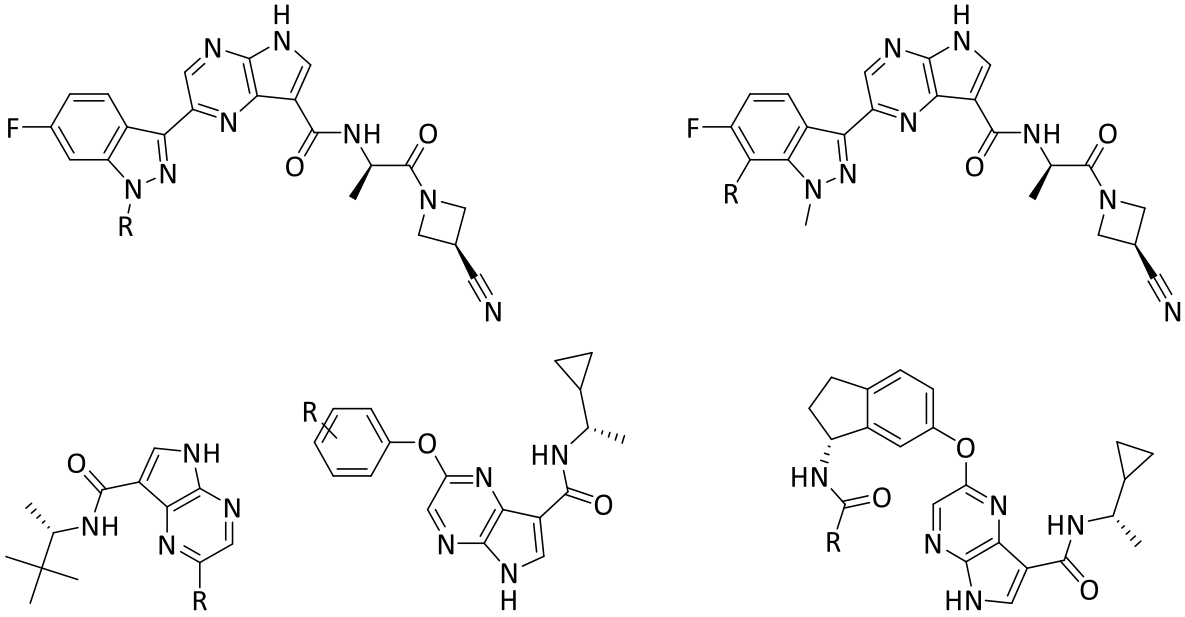


FIG. 8NN

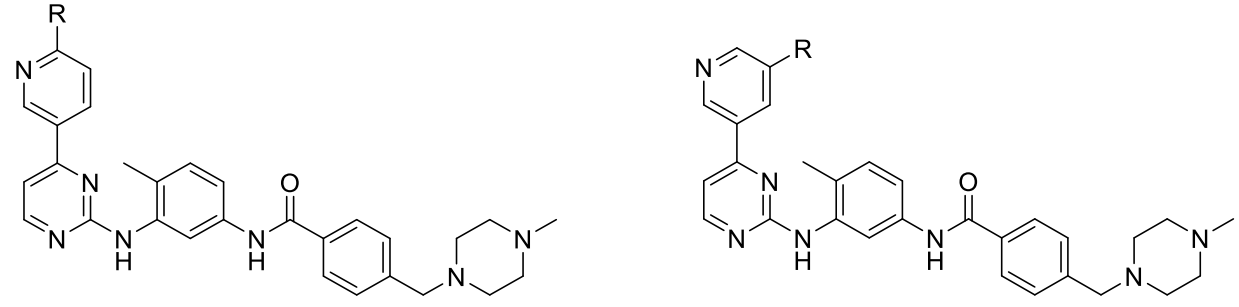


FIG. 8OO

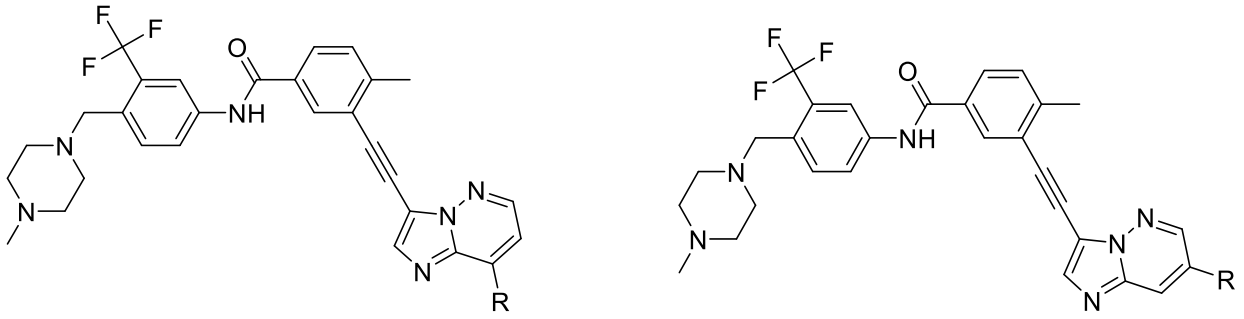


FIG. 8PP

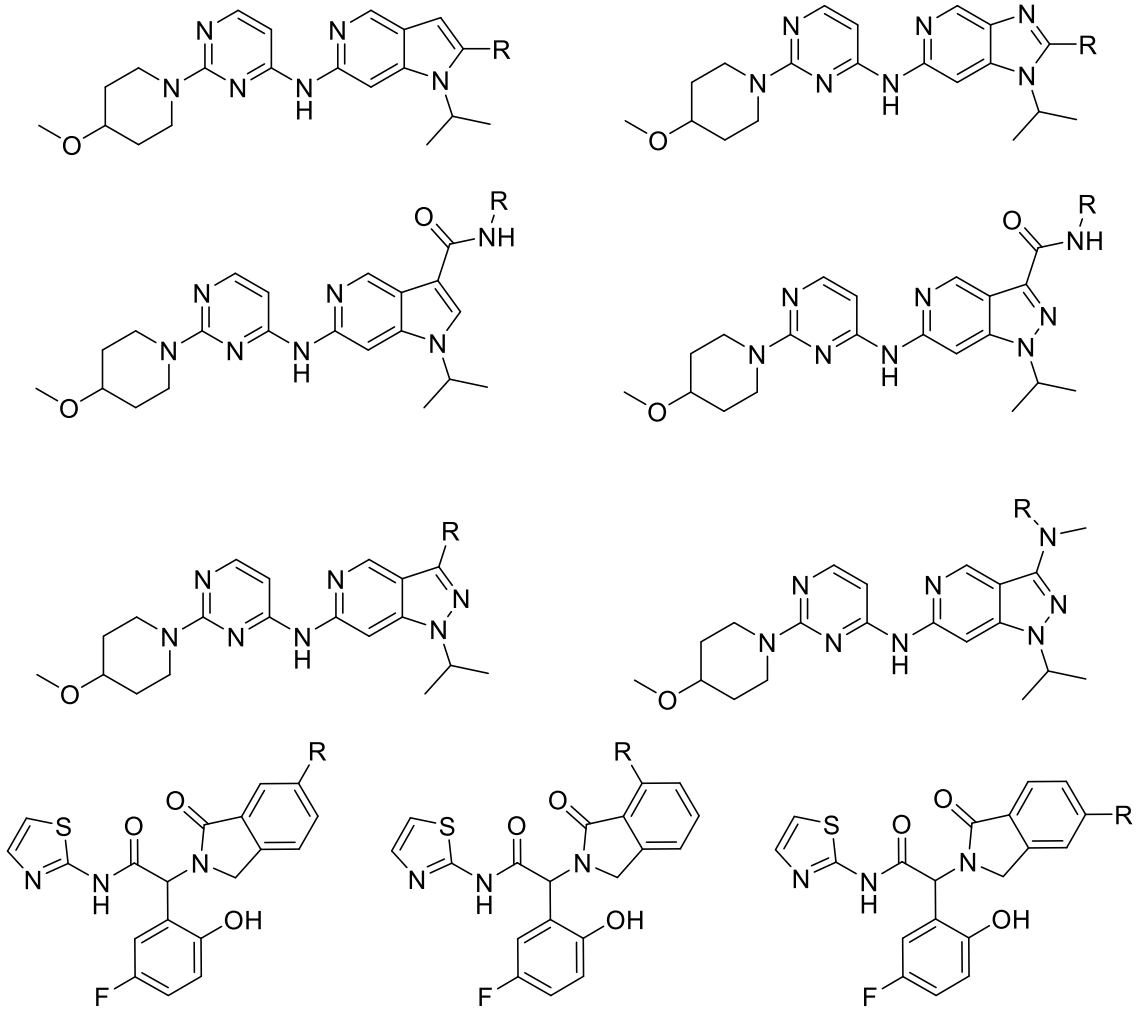


FIG. 8QQ

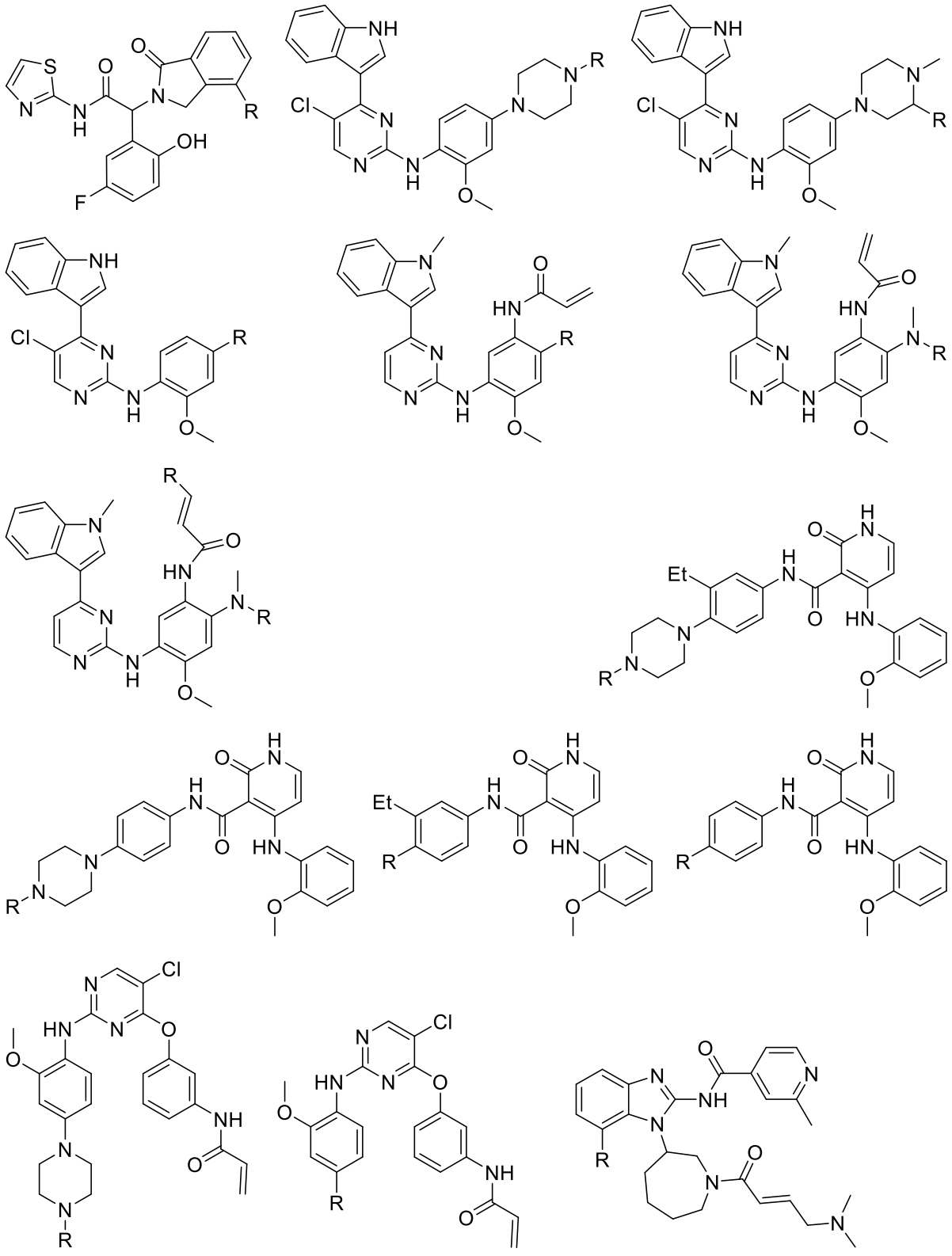


FIG. 8RR

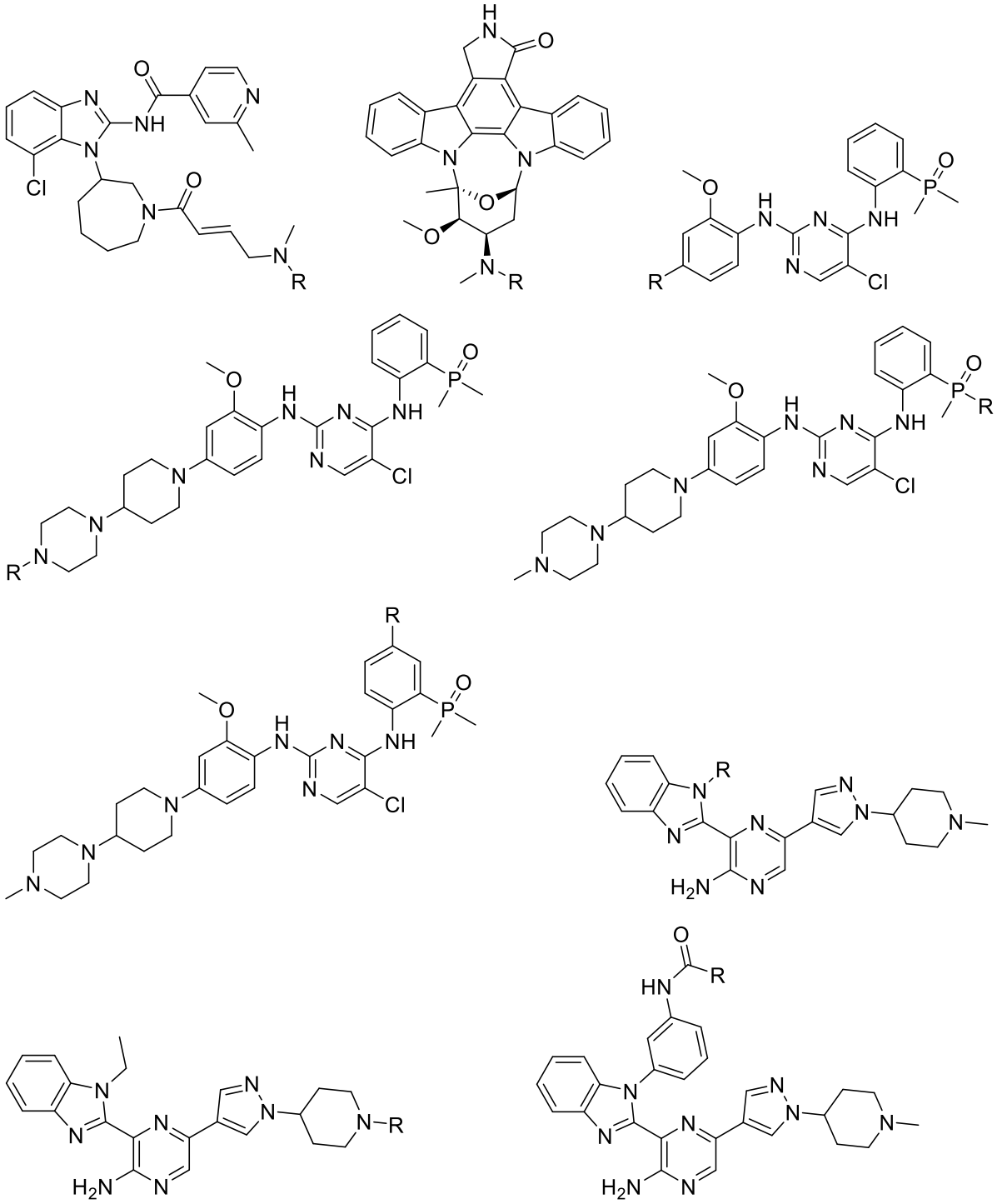


FIG. 8SS

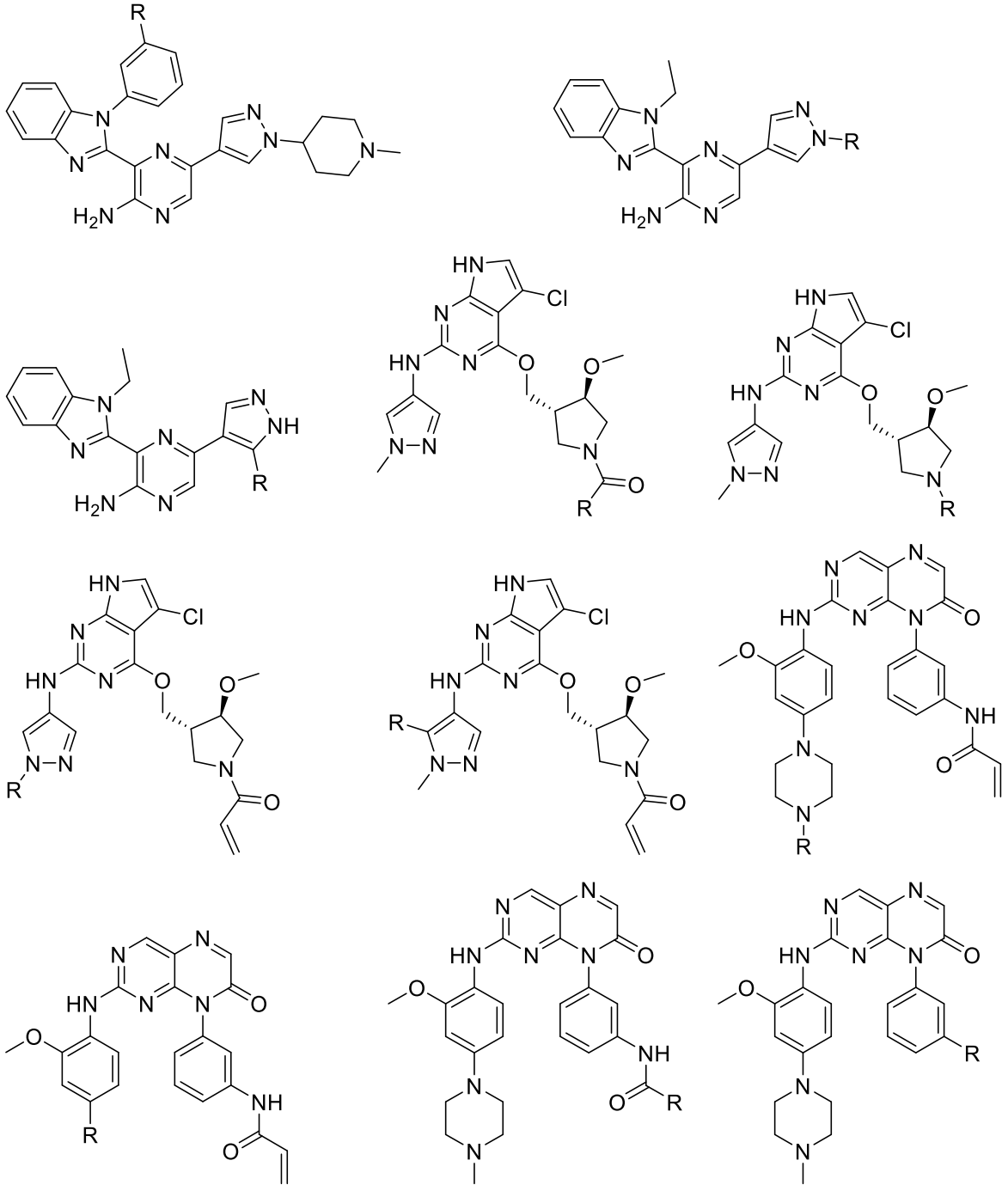


FIG. 8TT

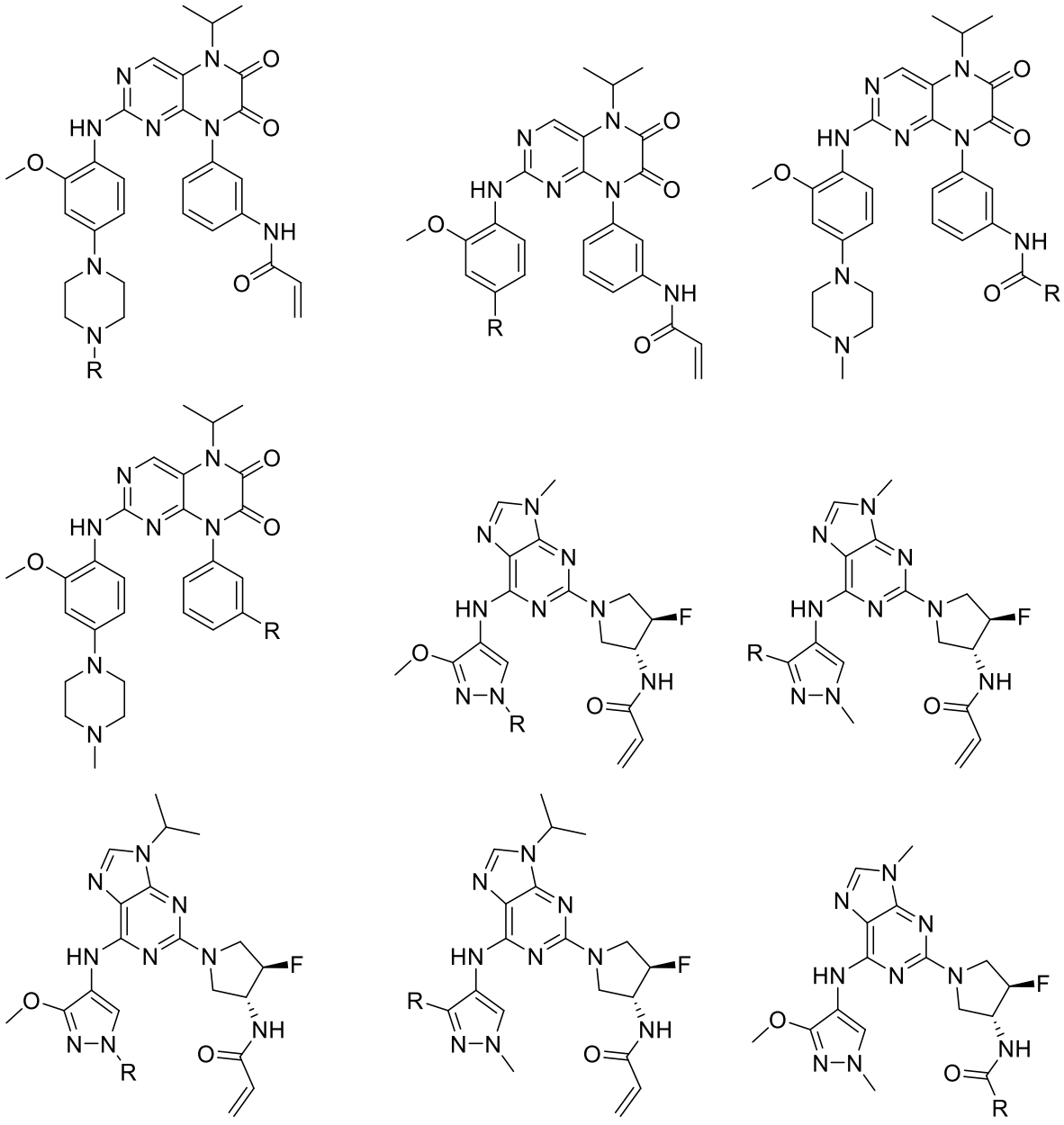


FIG. 8UU

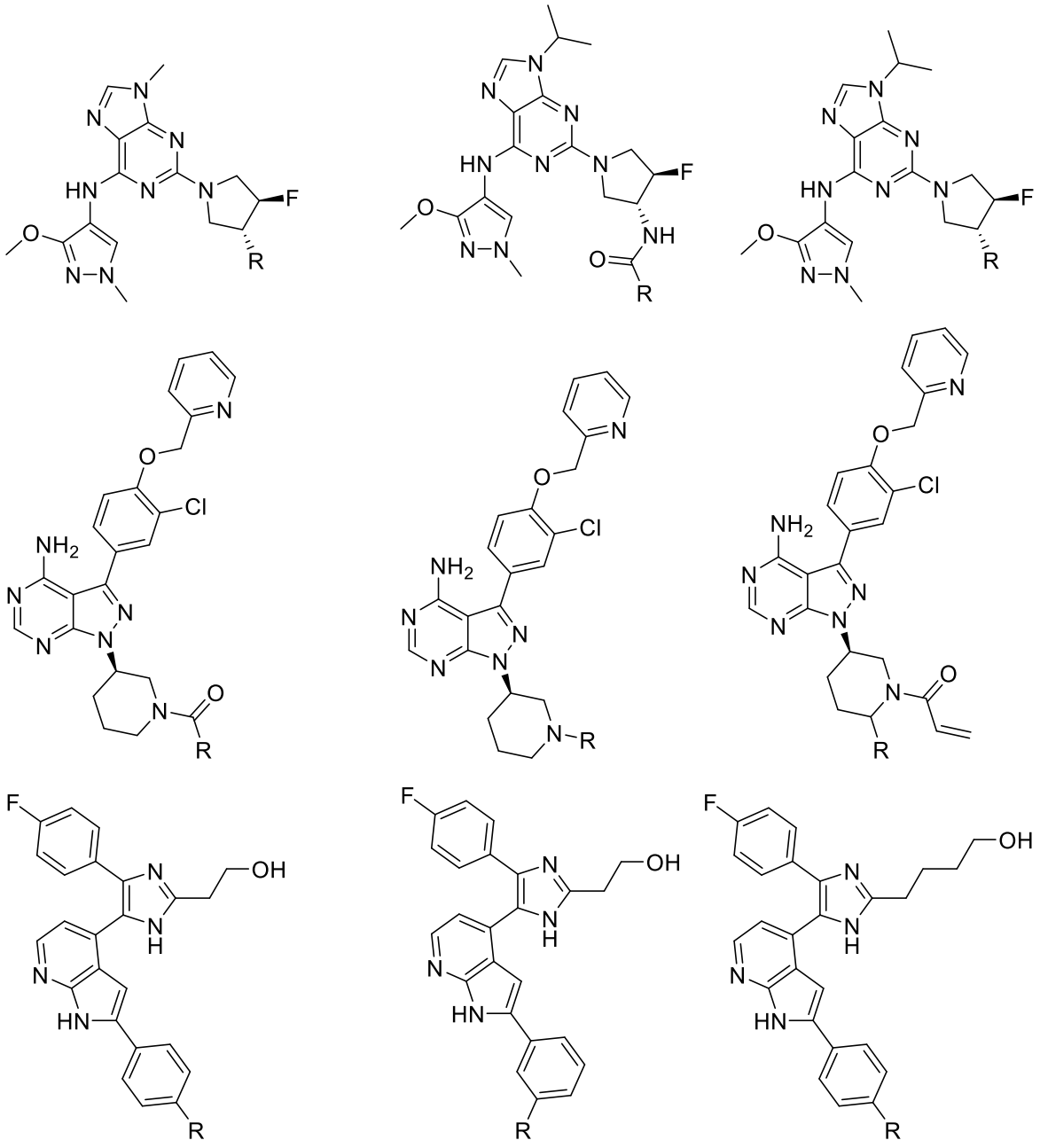


FIG. 8VV

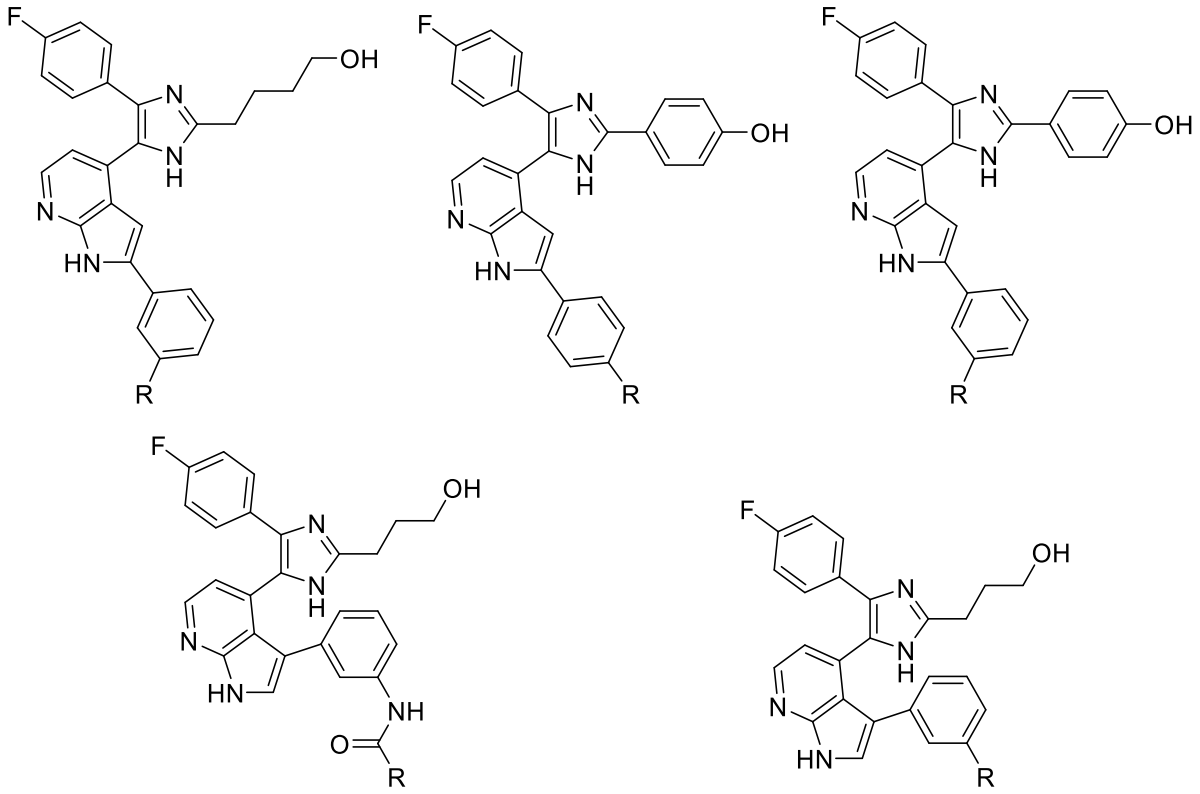


FIG. 8WW

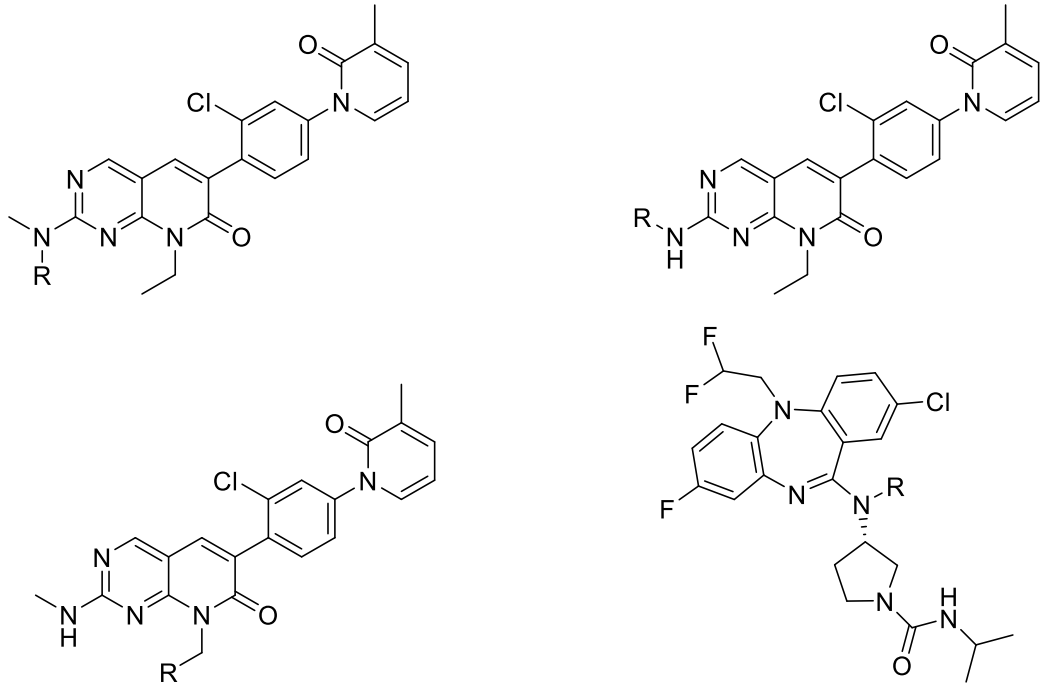


FIG. 8XX

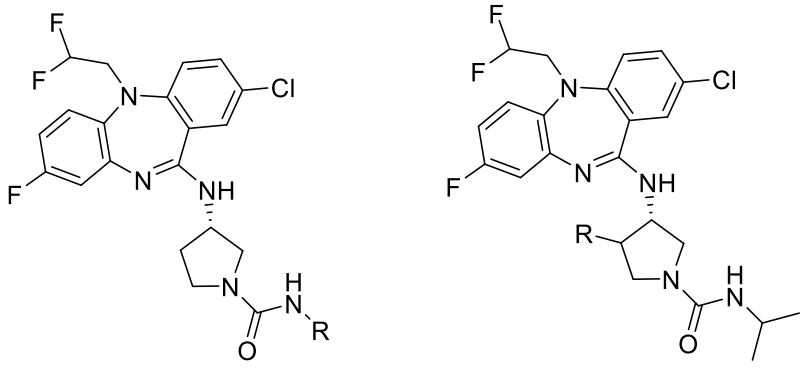


FIG. 8YY

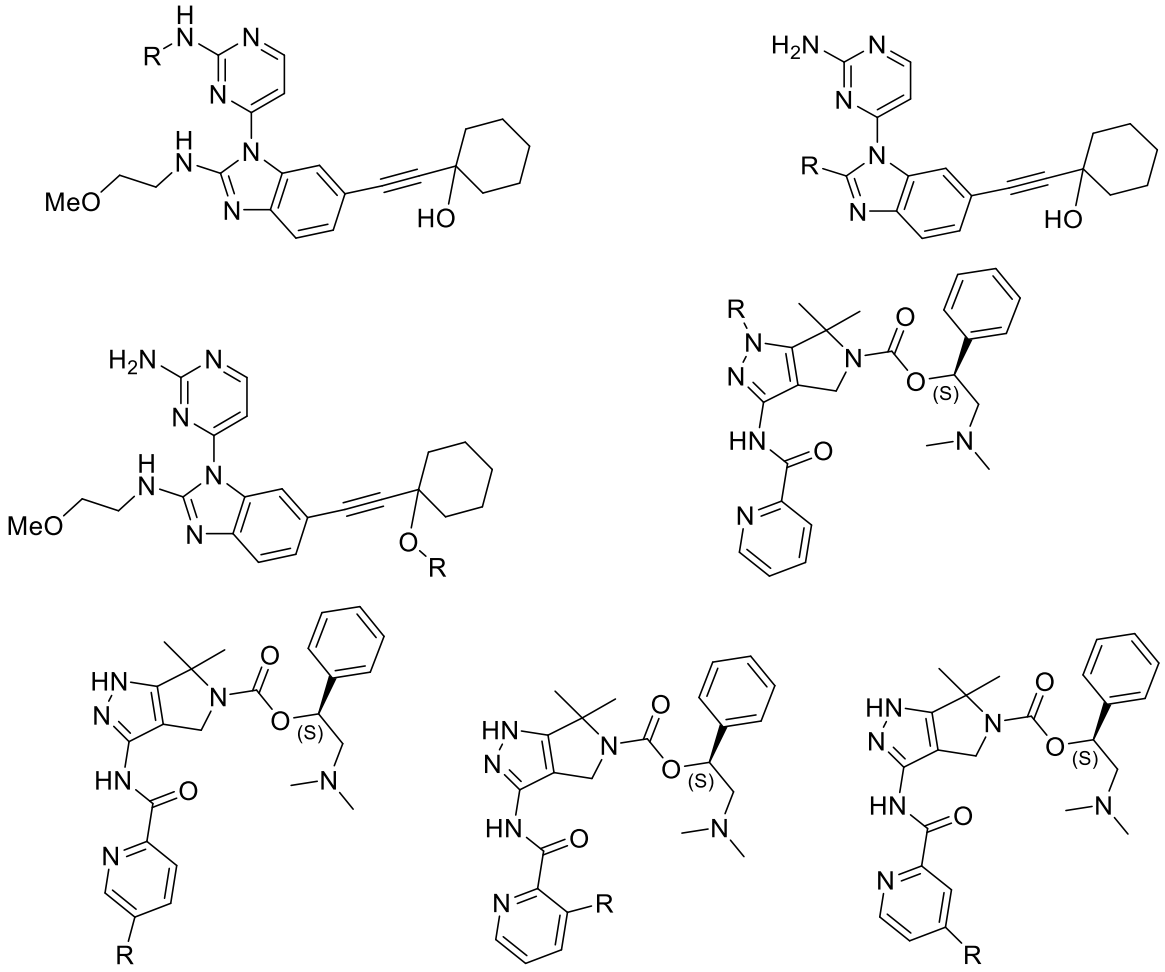
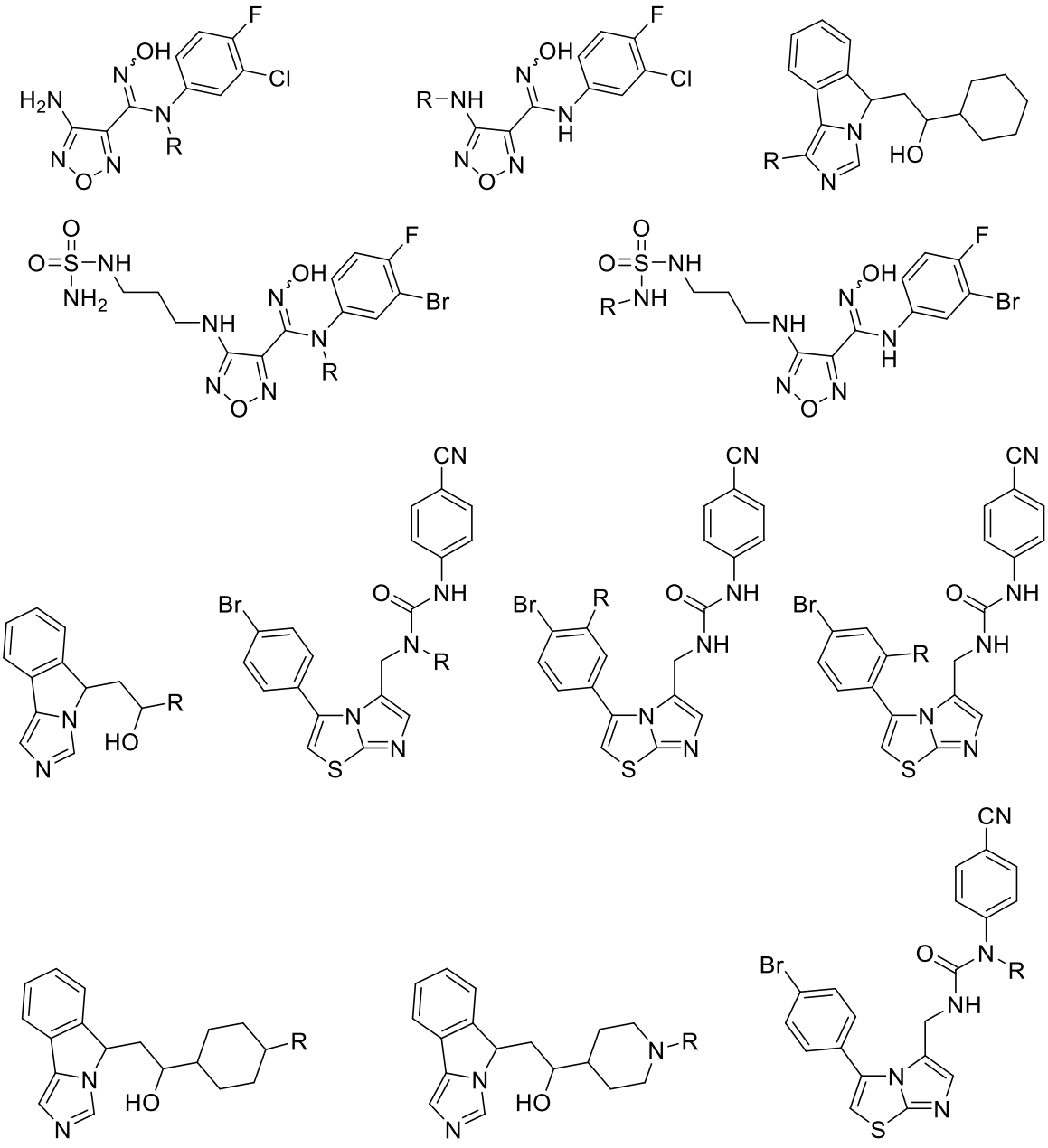


FIG. 8ZZ



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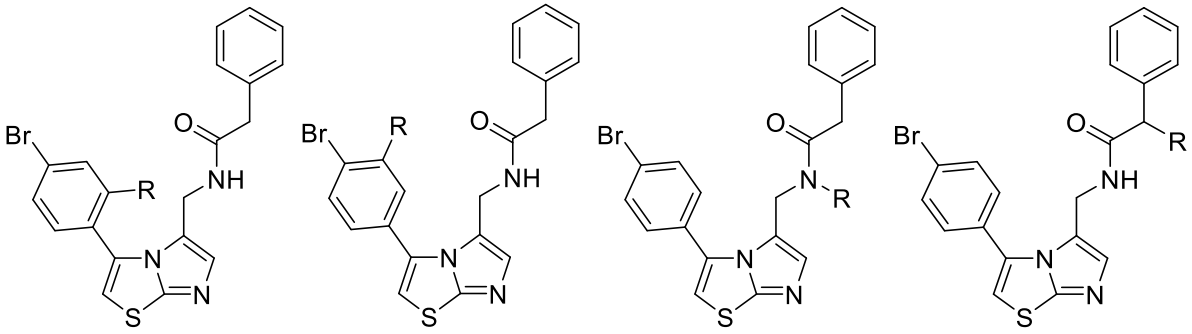


FIG. 8BBB

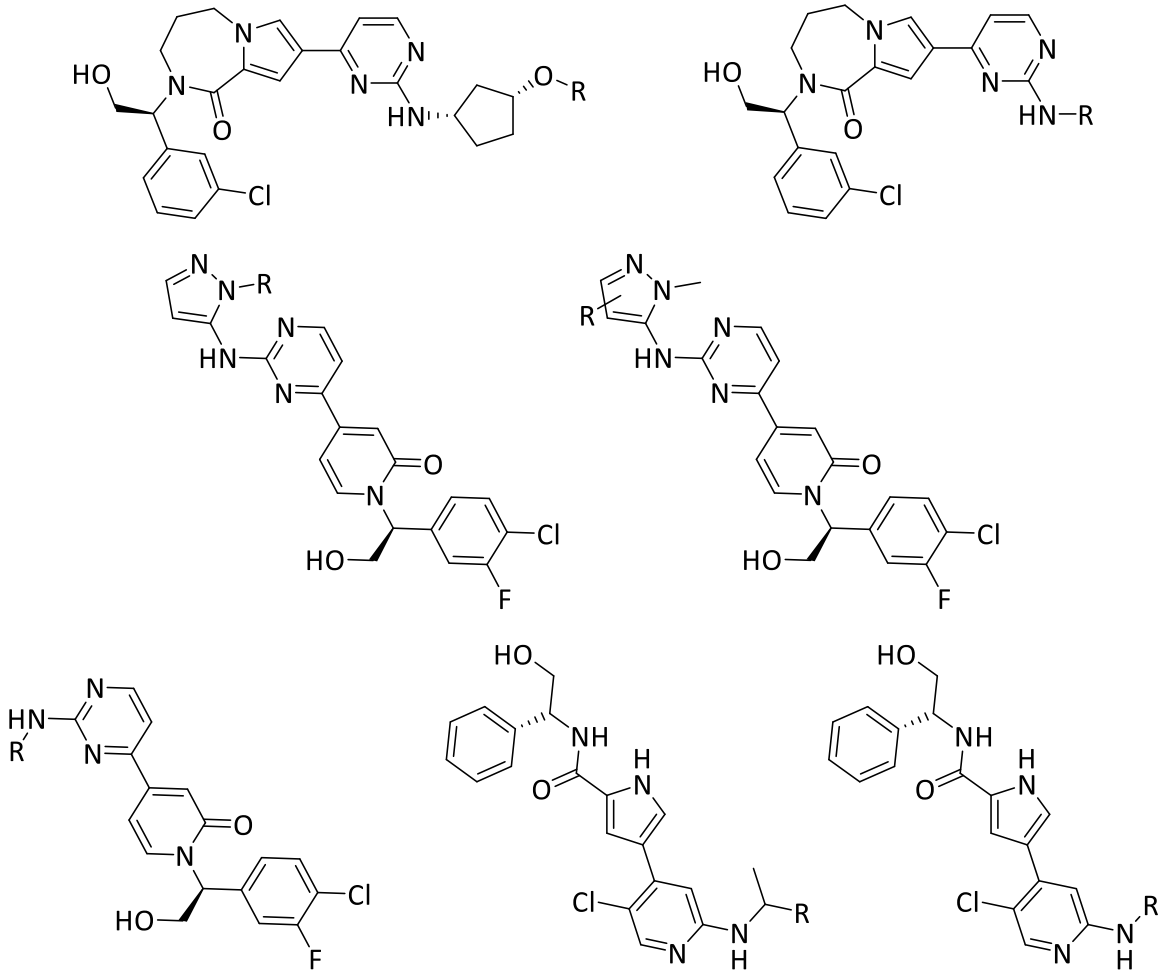


FIG. 8CCC

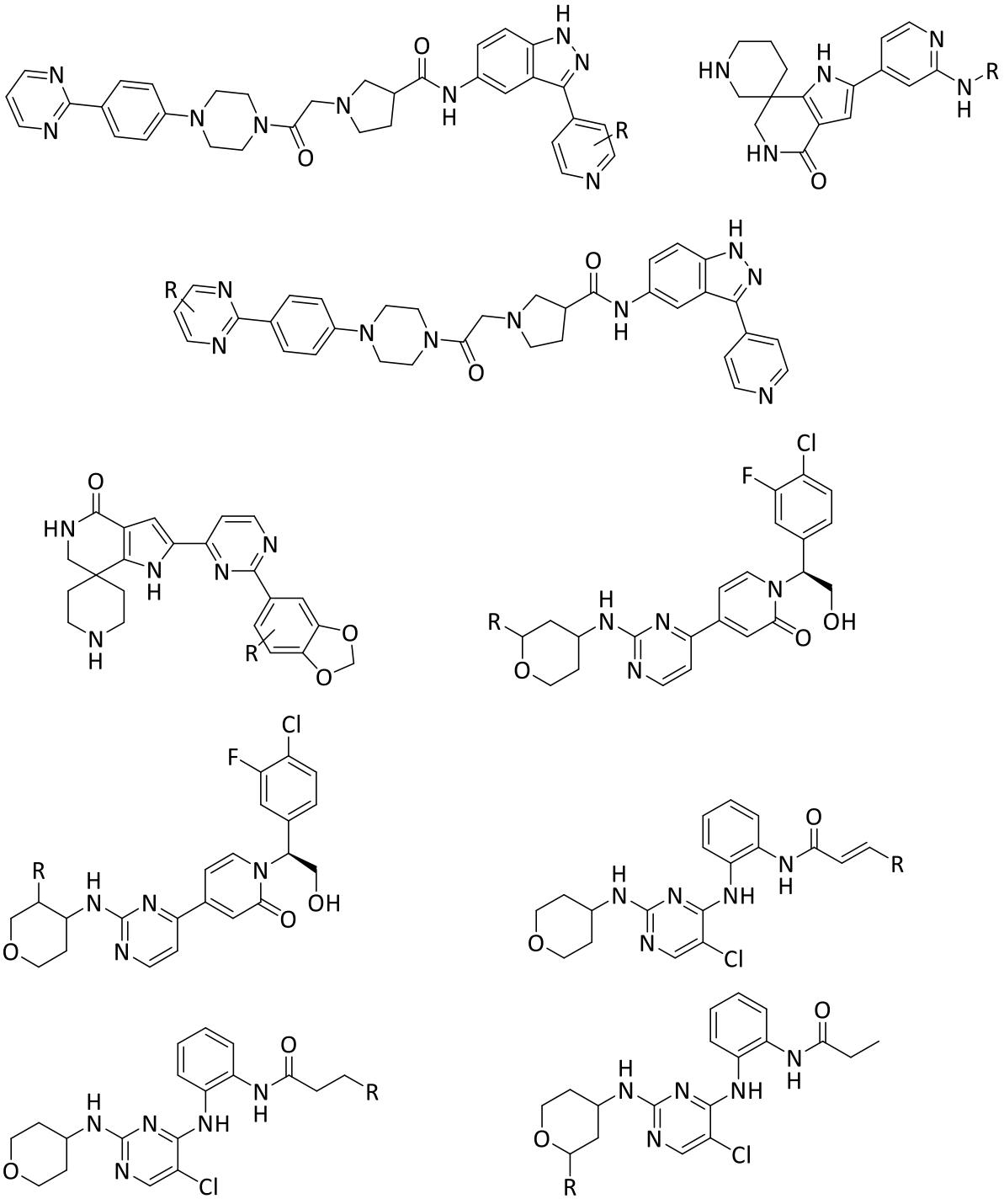


FIG. 8DDD

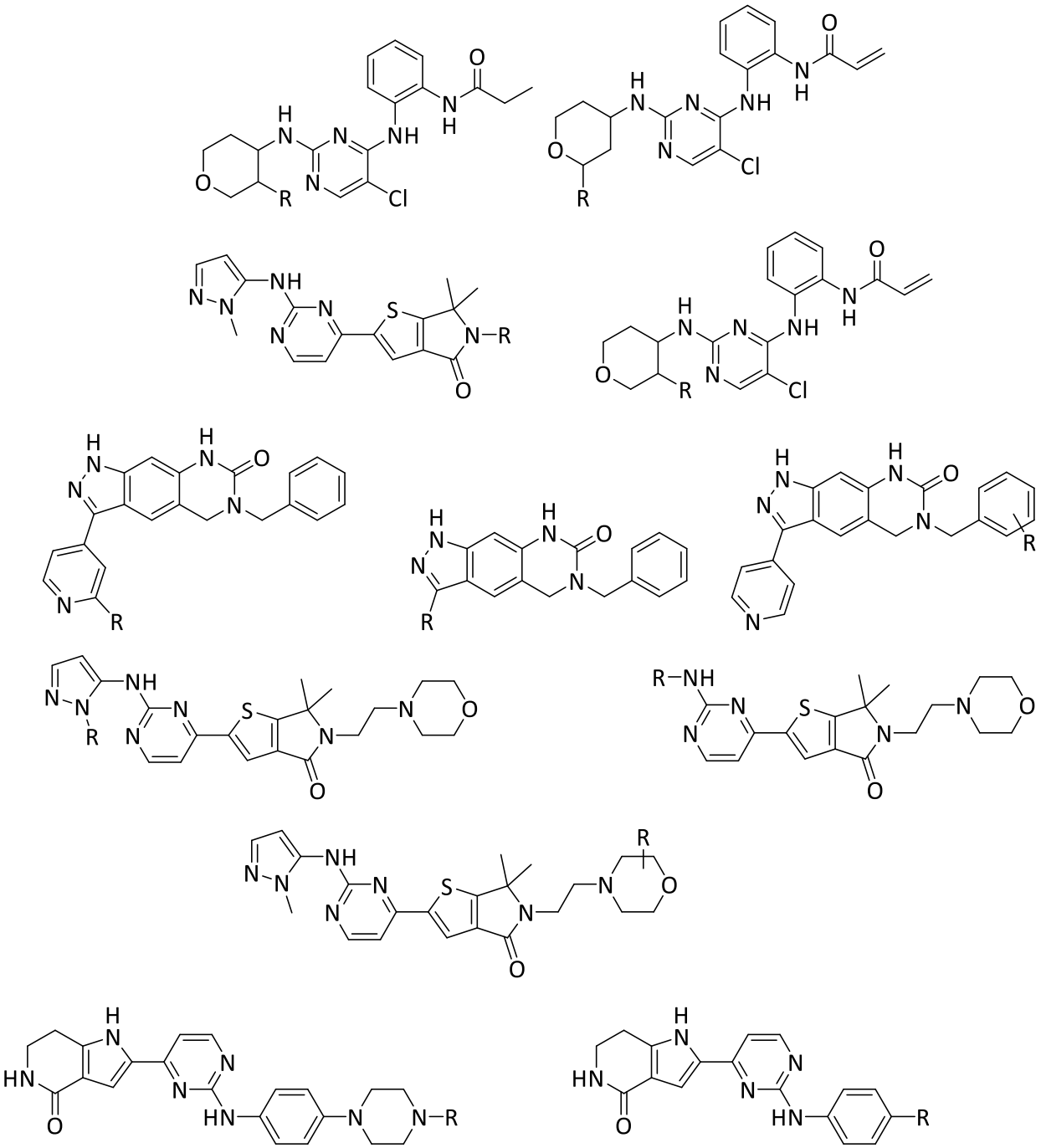


FIG. 8EEE

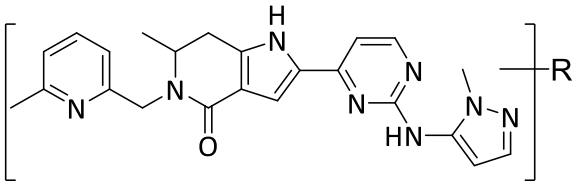


FIG. 8FFF

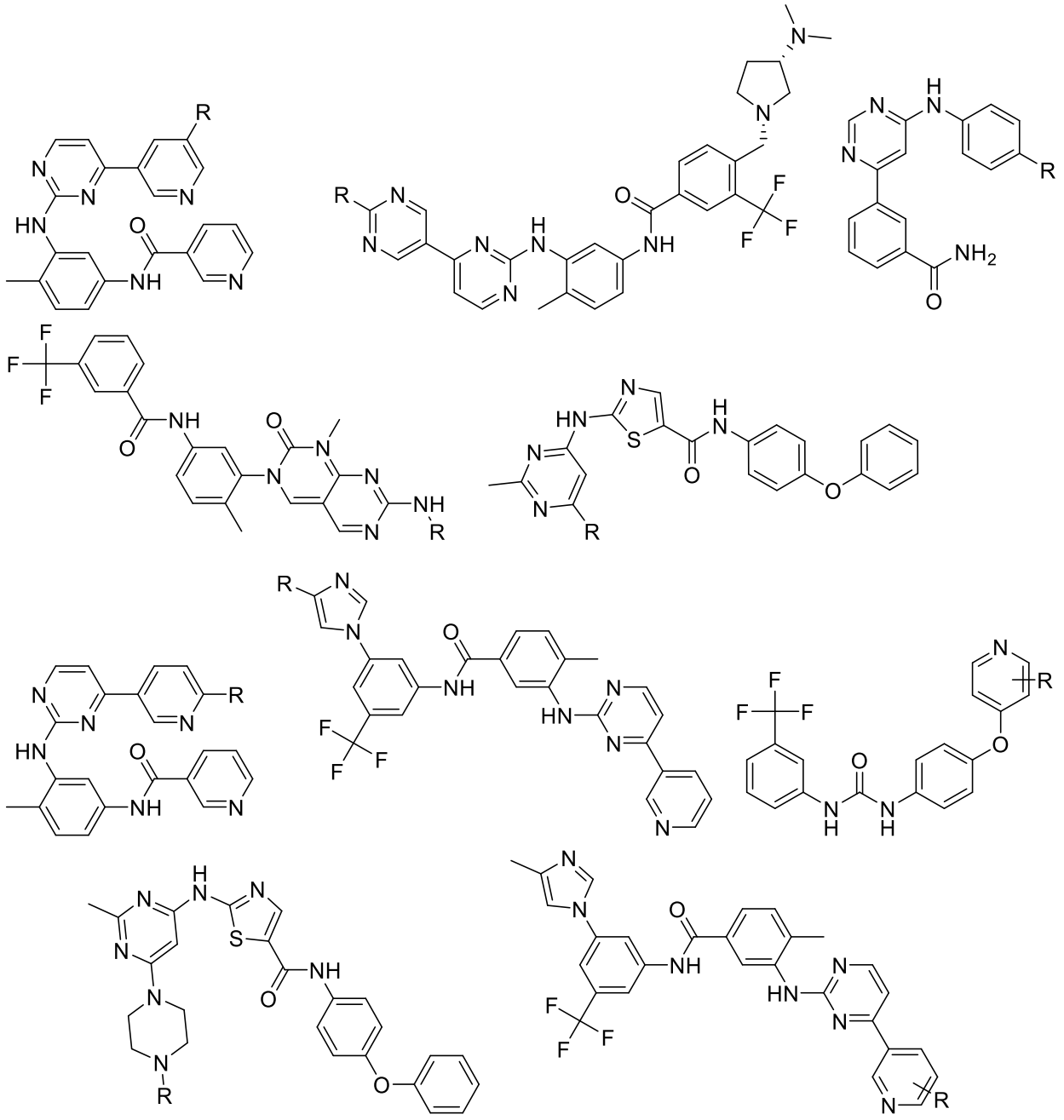


FIG. 8GGG

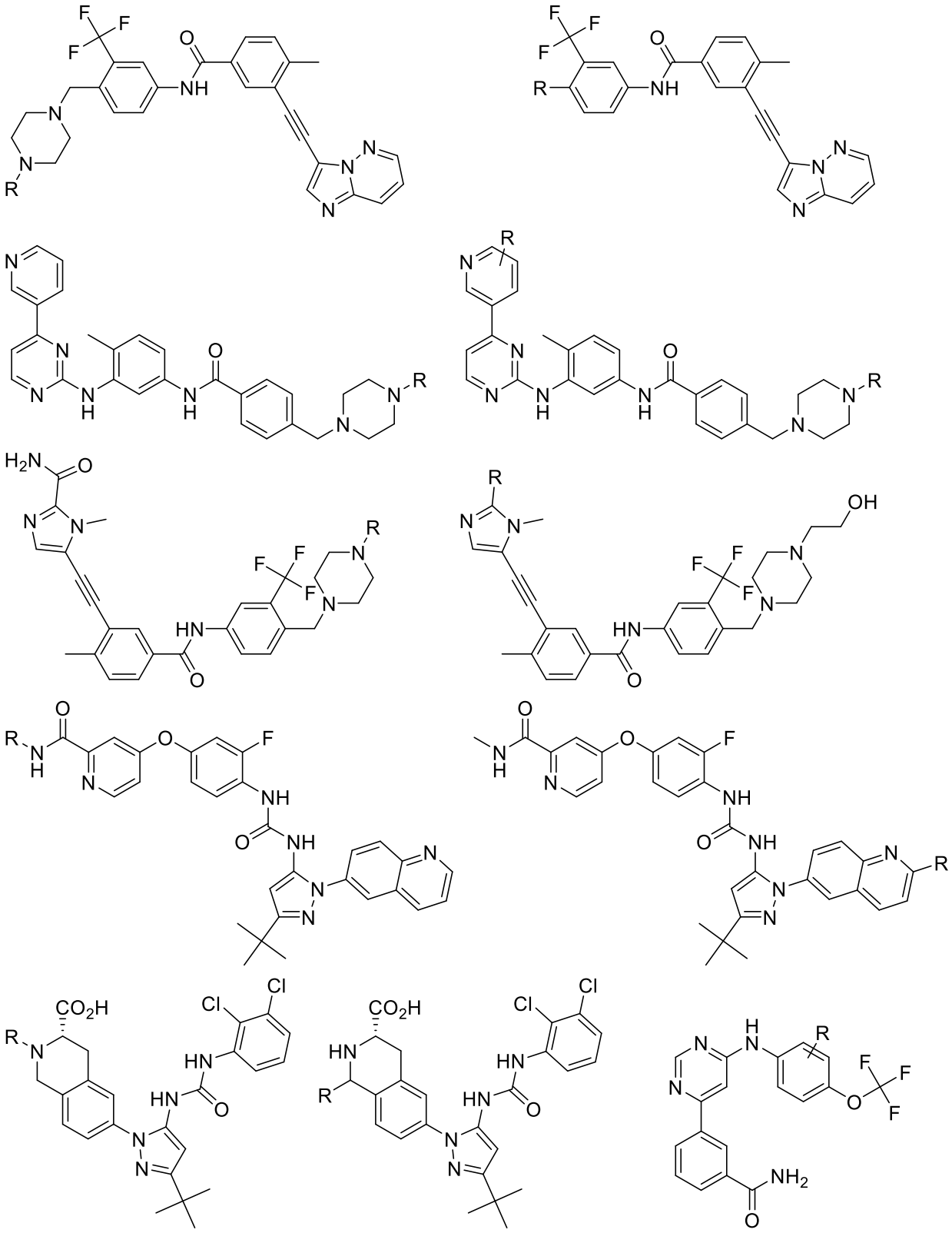


FIG. 8HHH

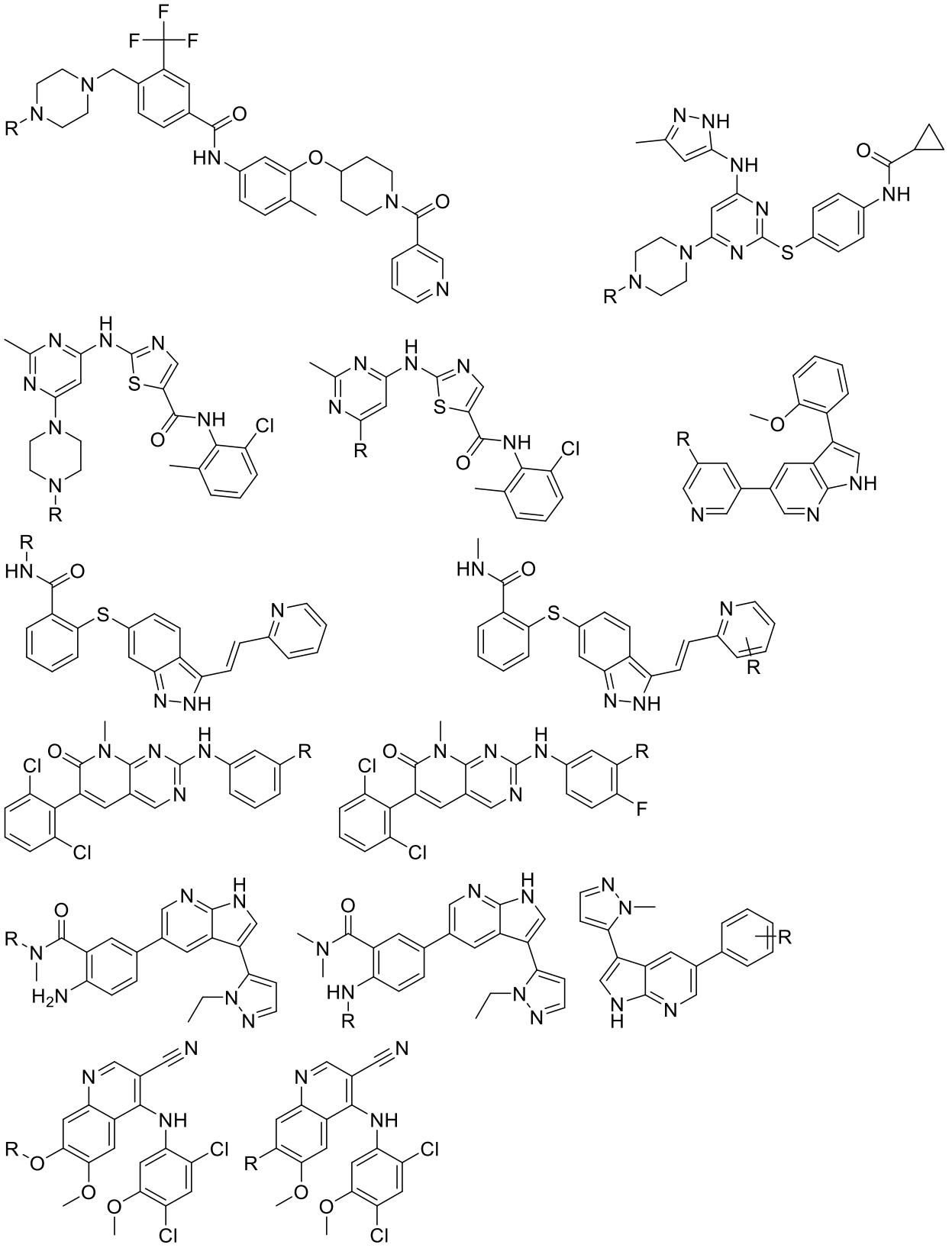


FIG. 8III

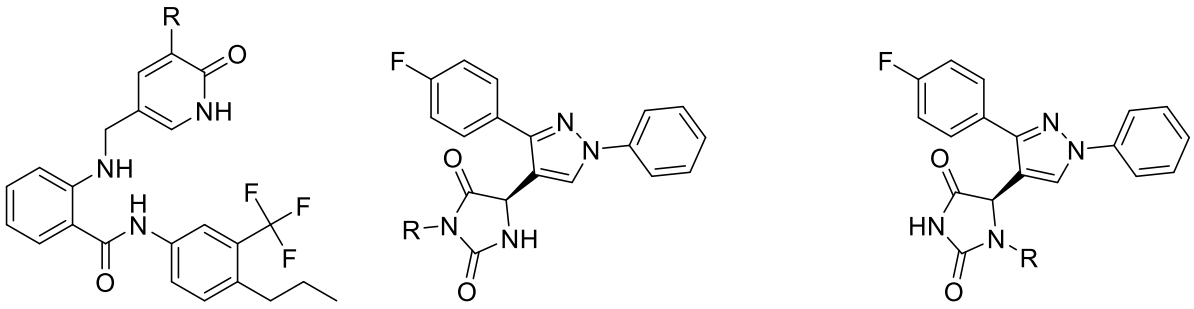


FIG. 8JJJ

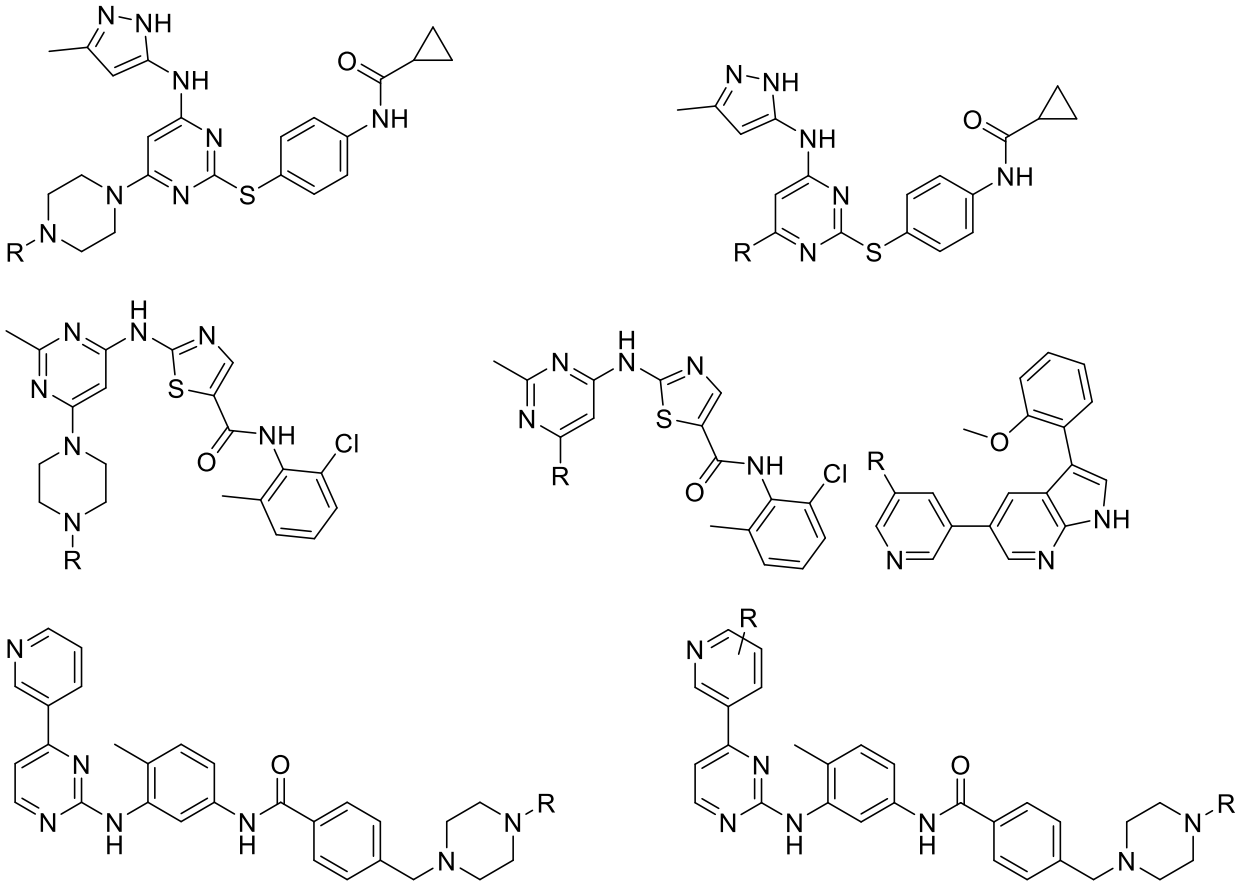


FIG. 8KKK

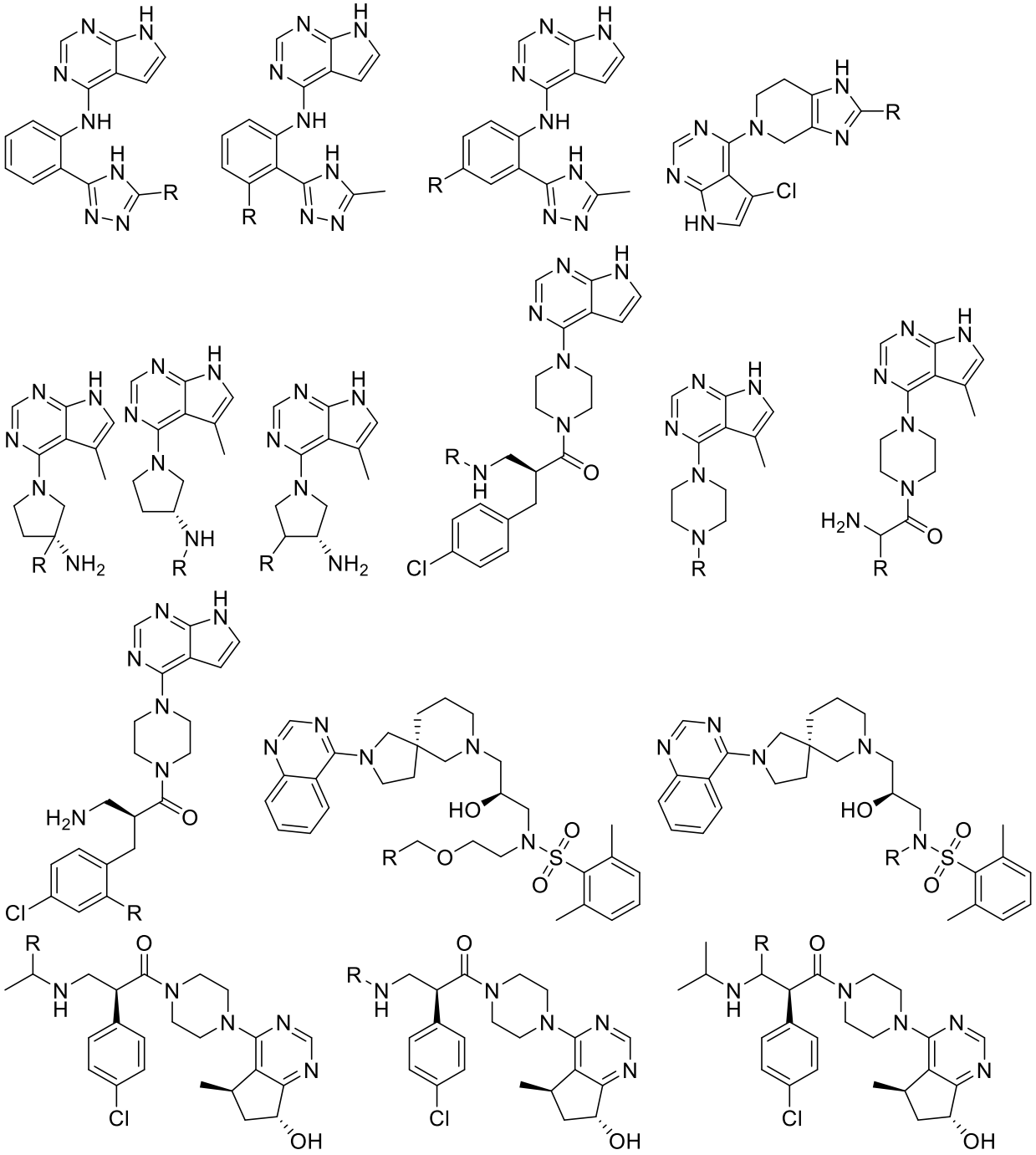


FIG. 8LLL

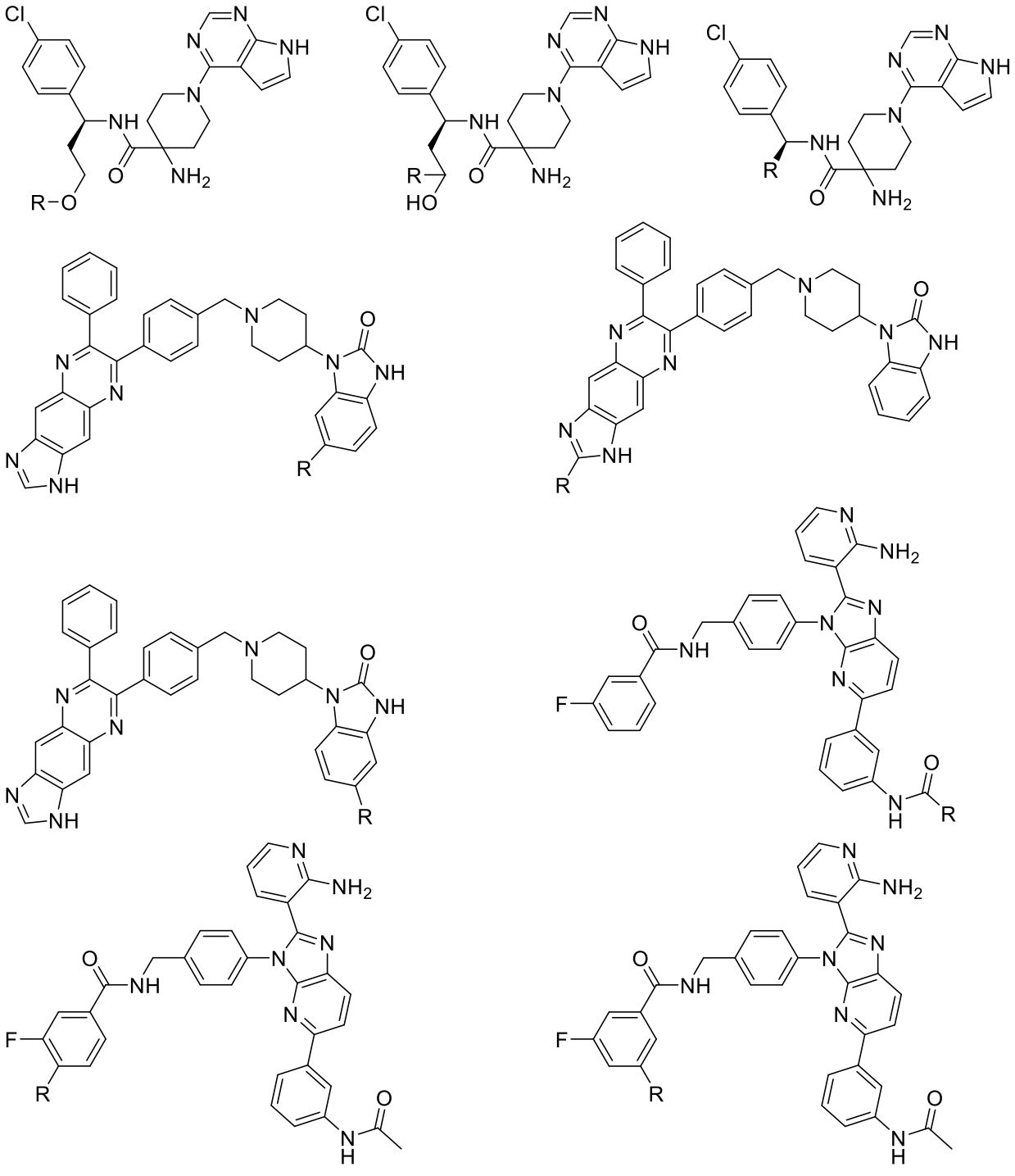


FIG. 8MMM

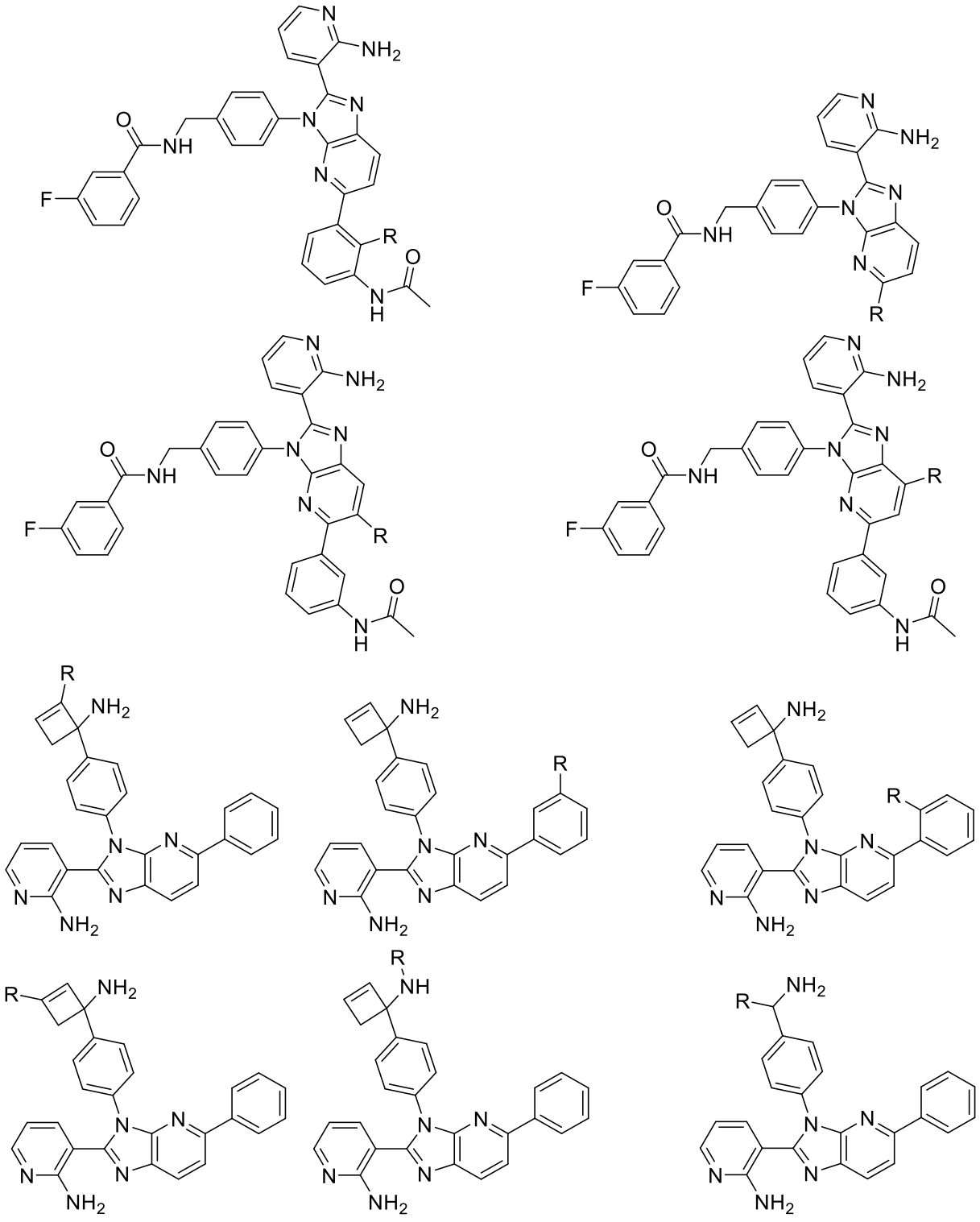
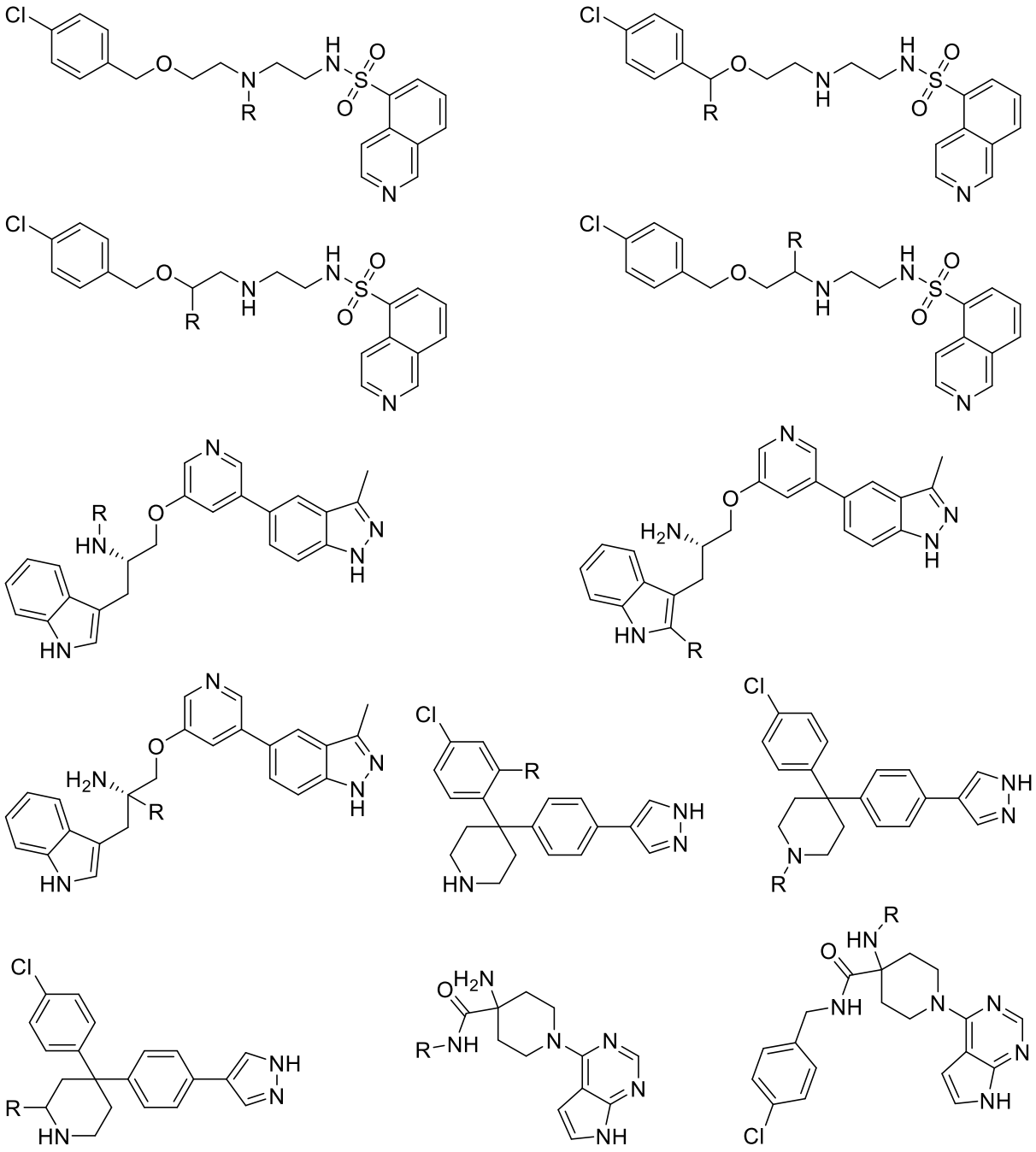


FIG. 8NNN



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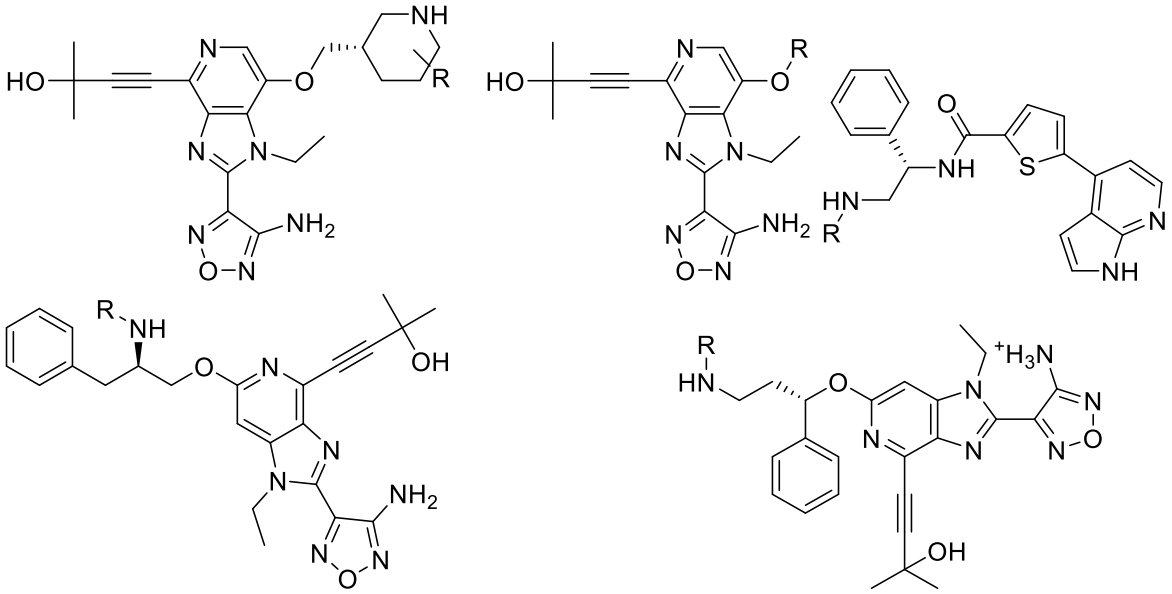

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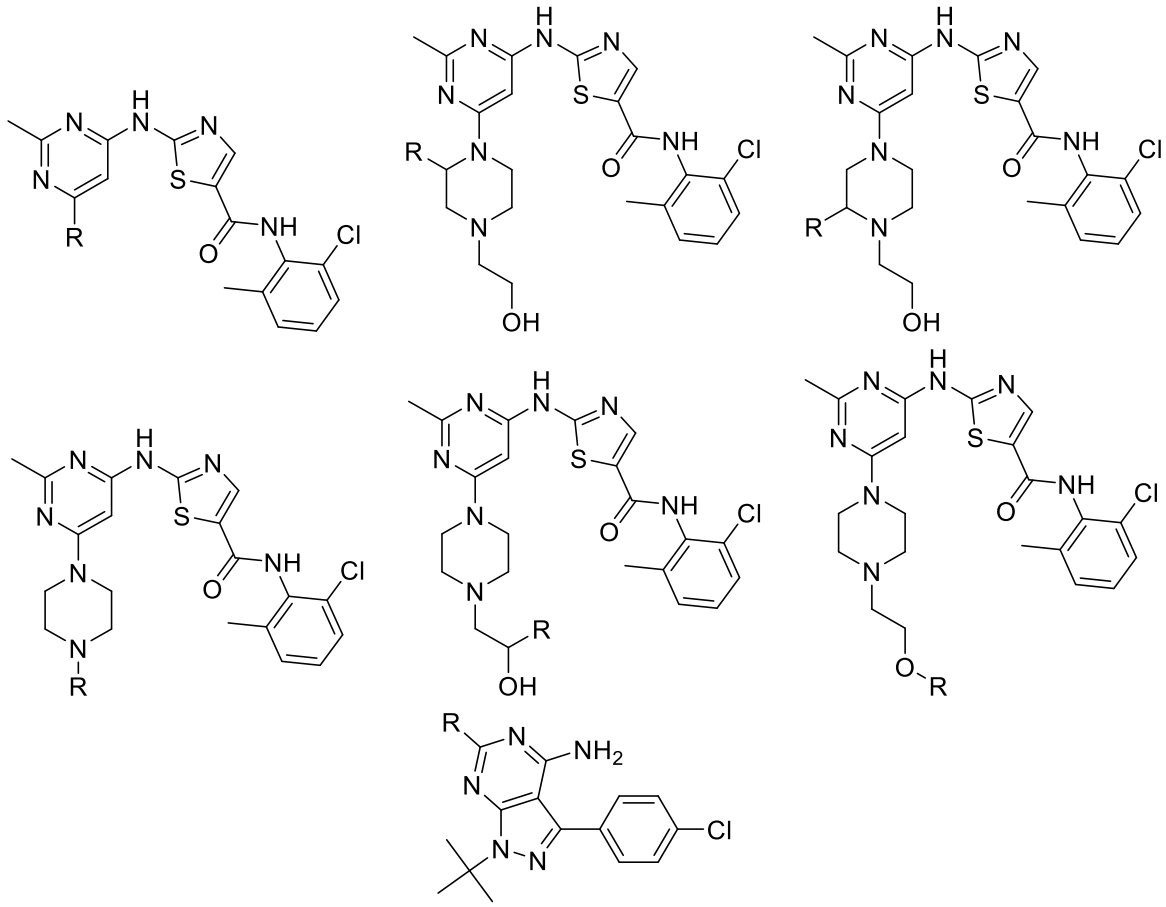

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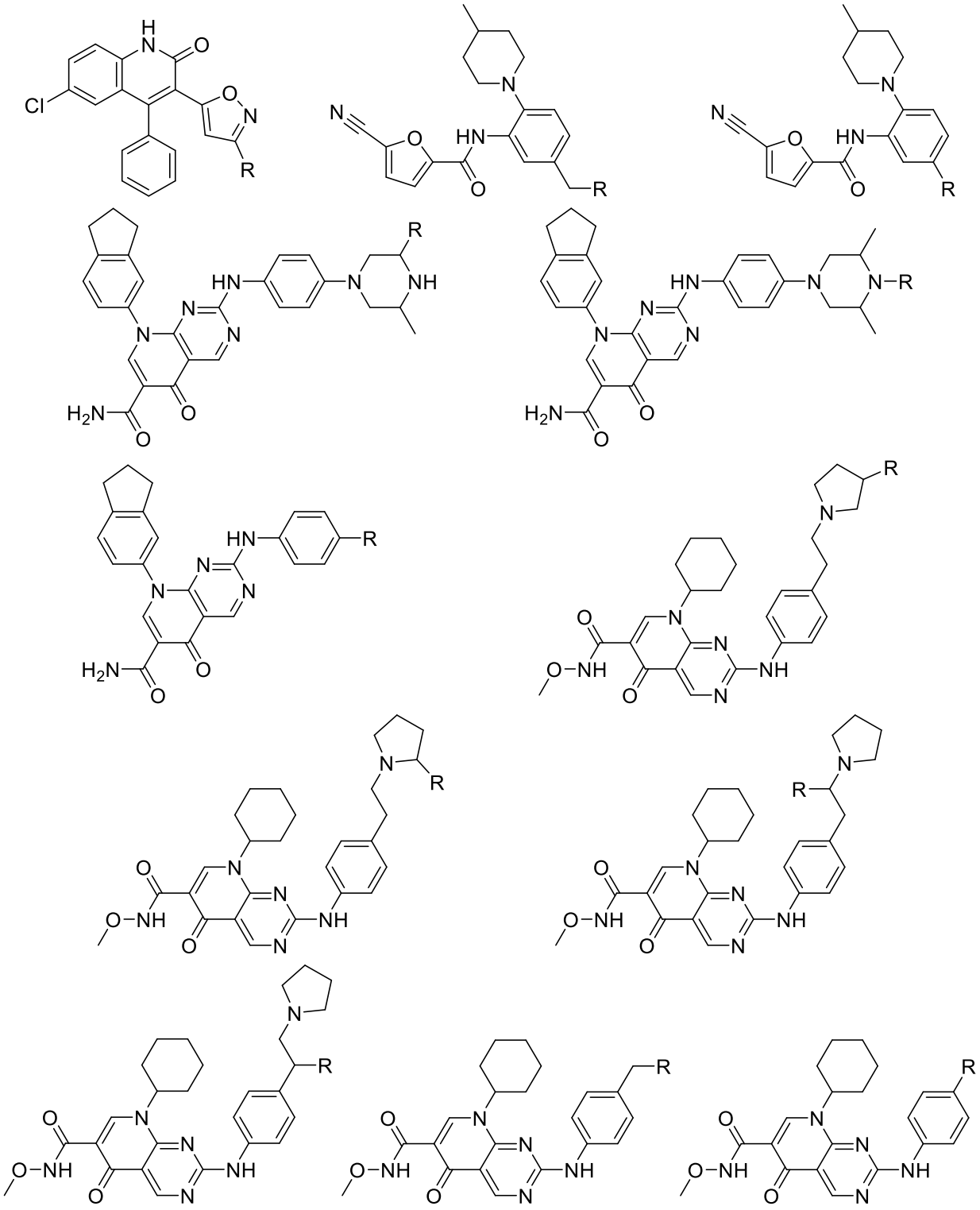

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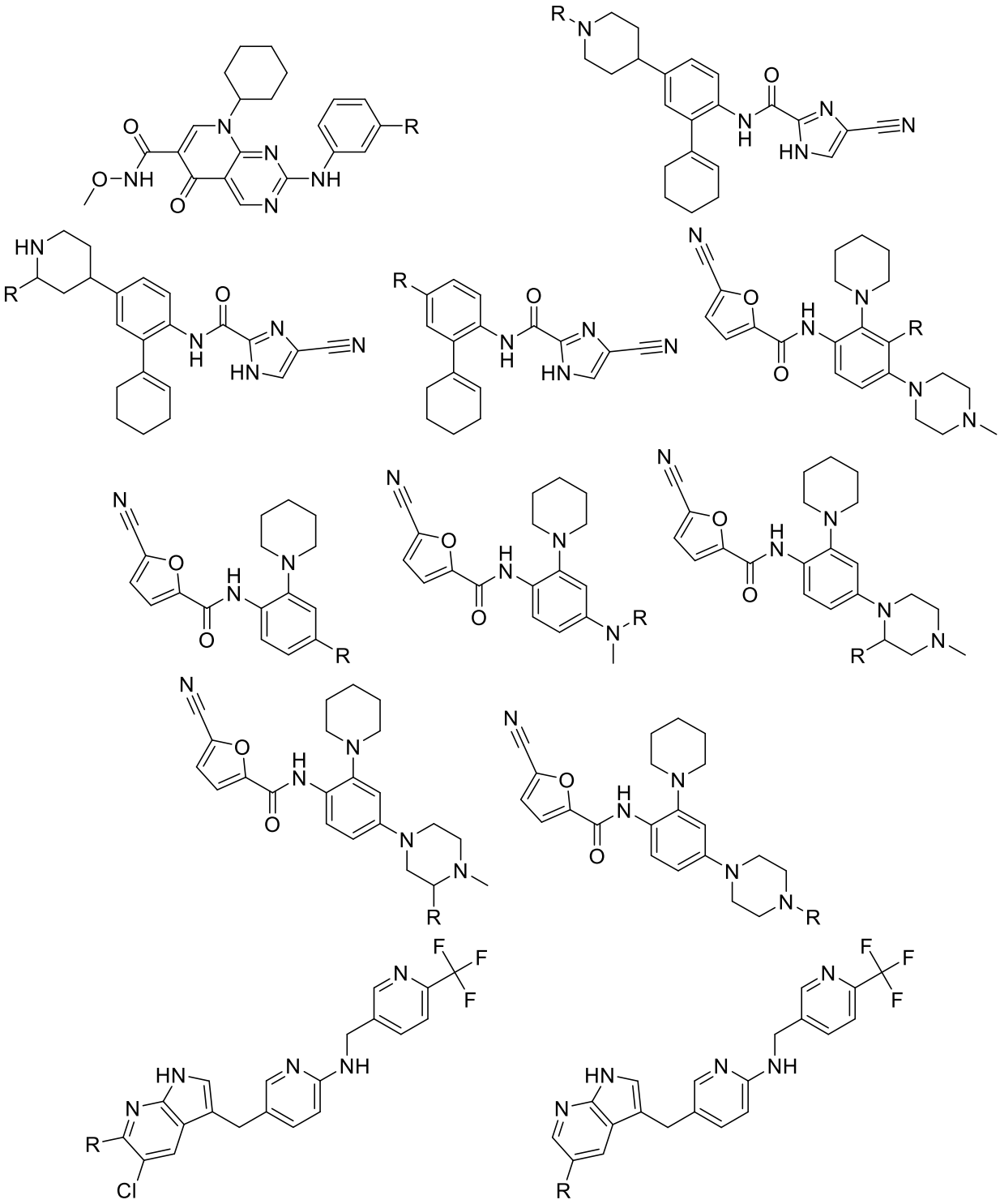

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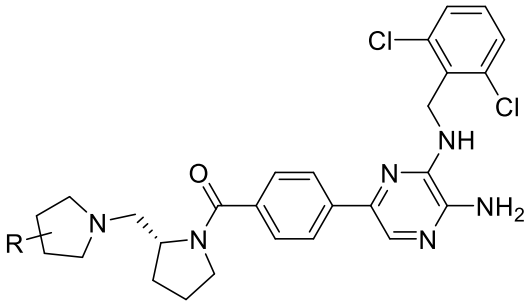

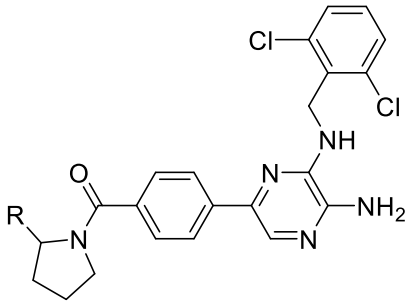

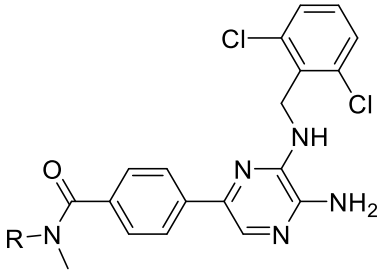

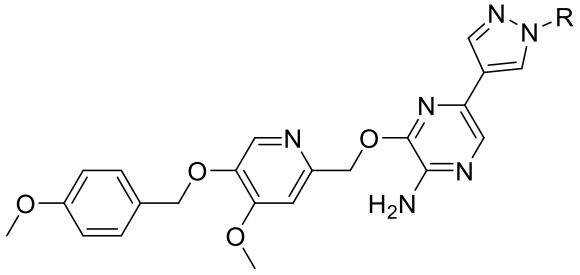

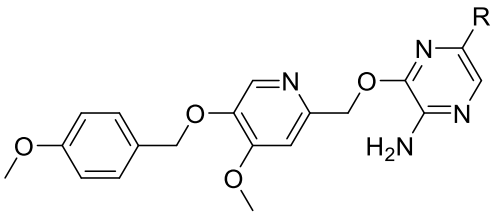

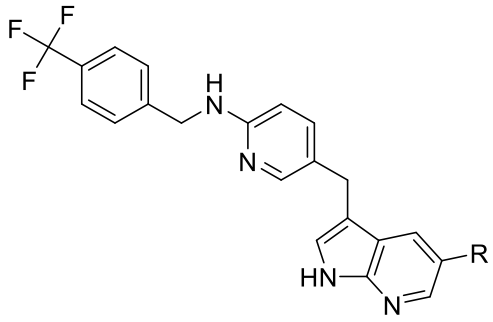

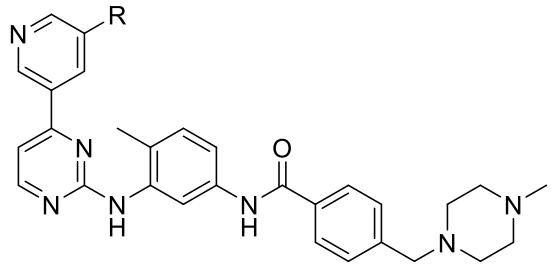

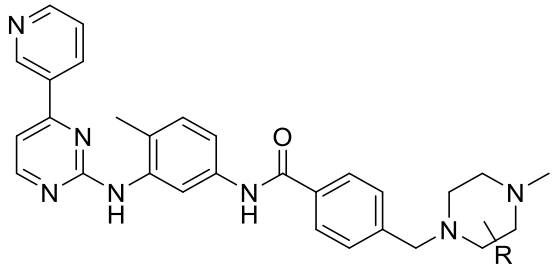

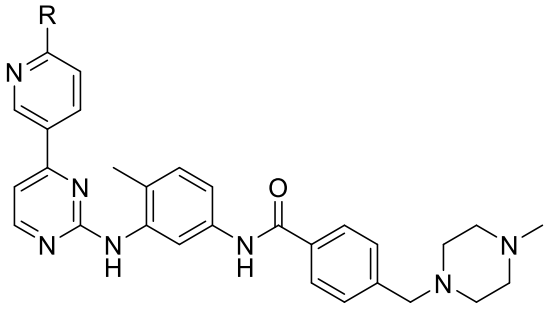

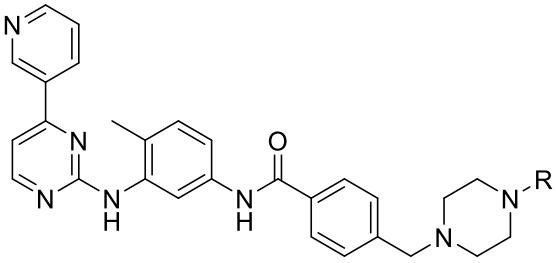

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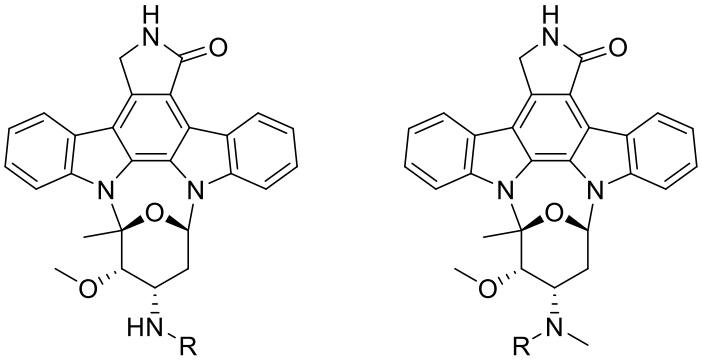

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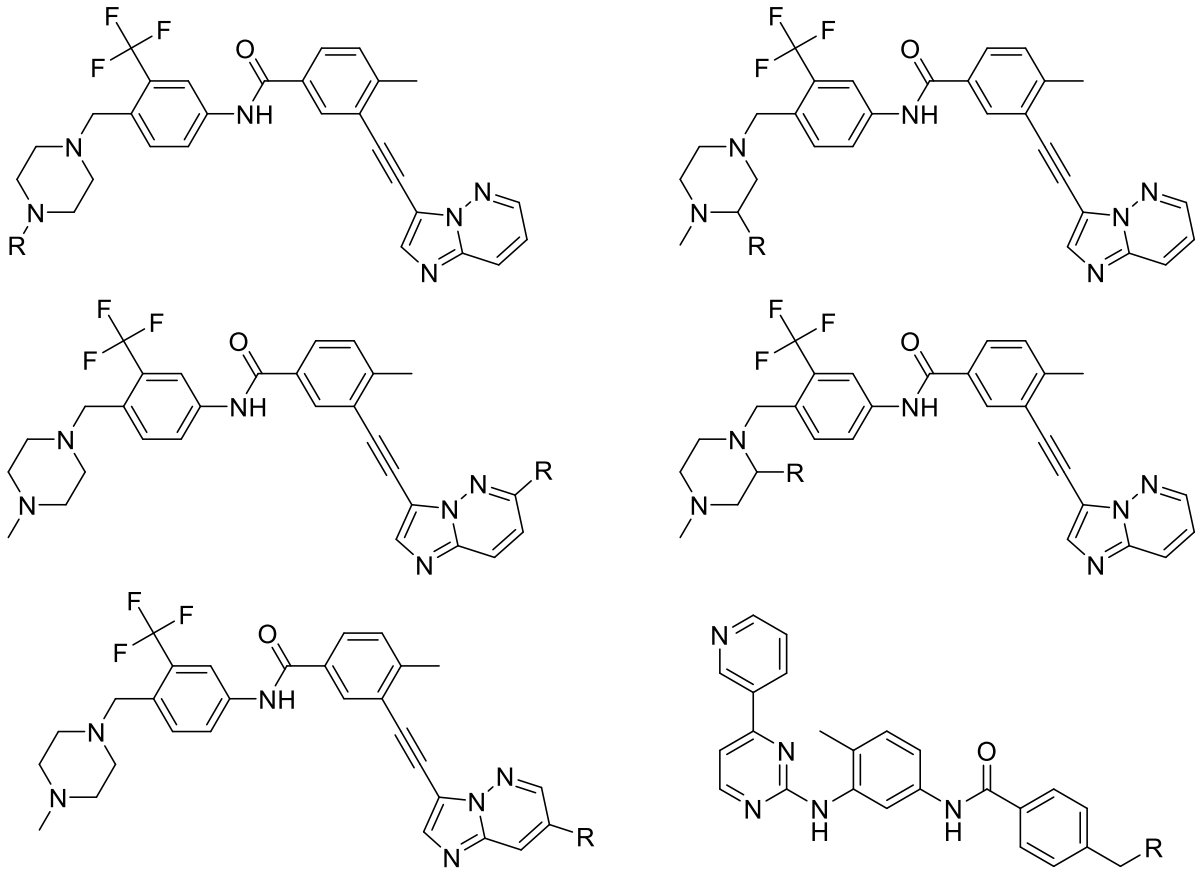

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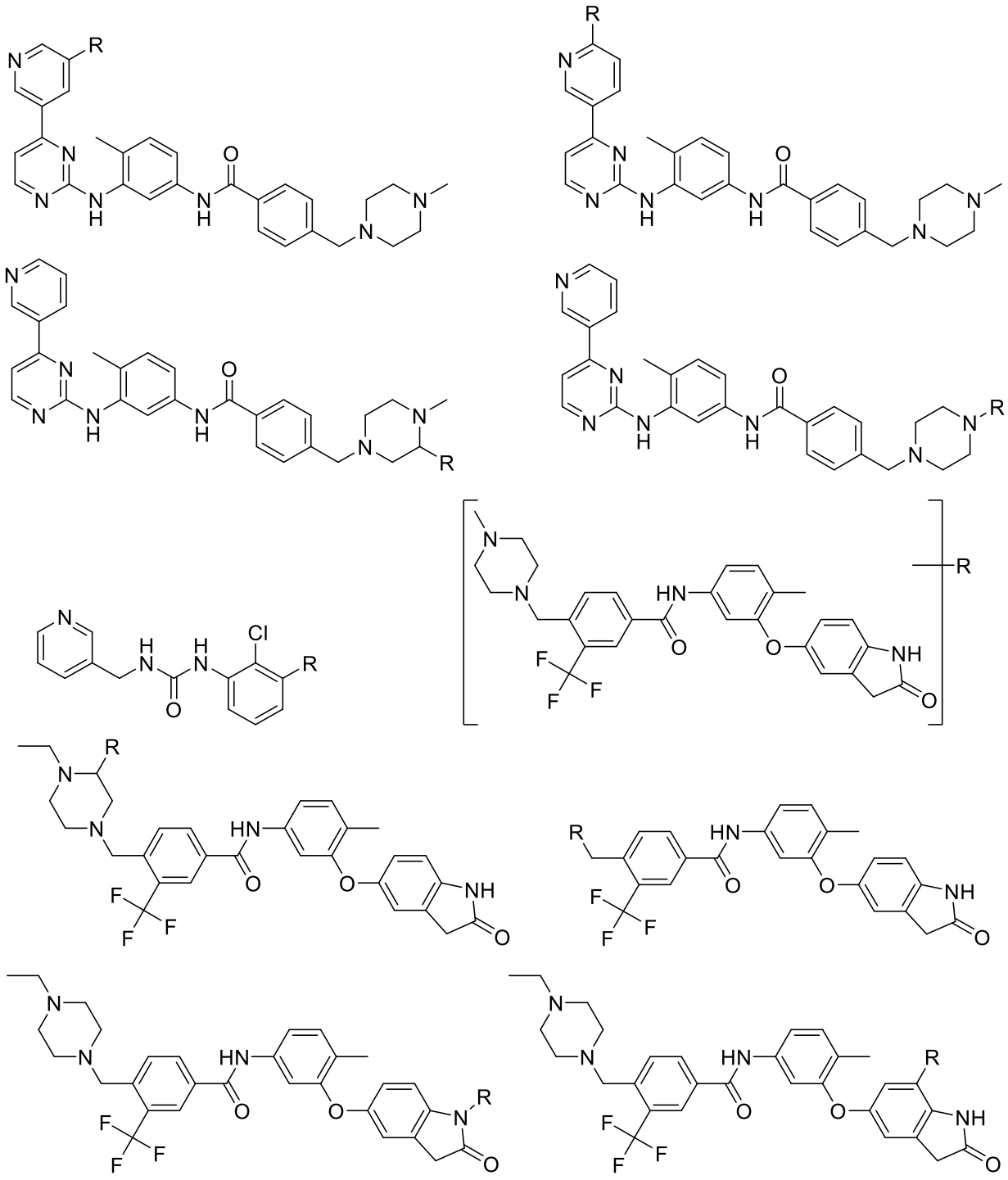

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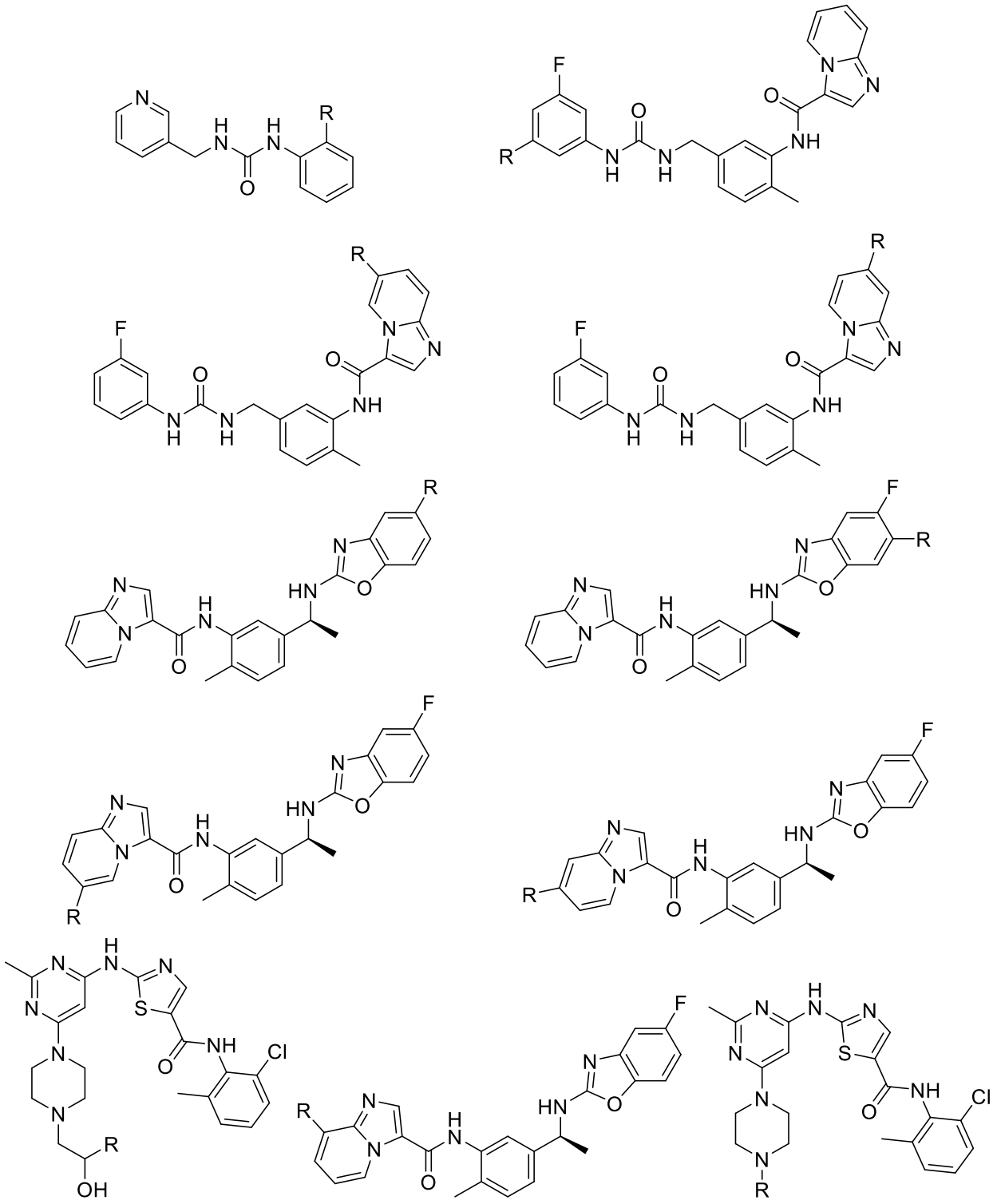
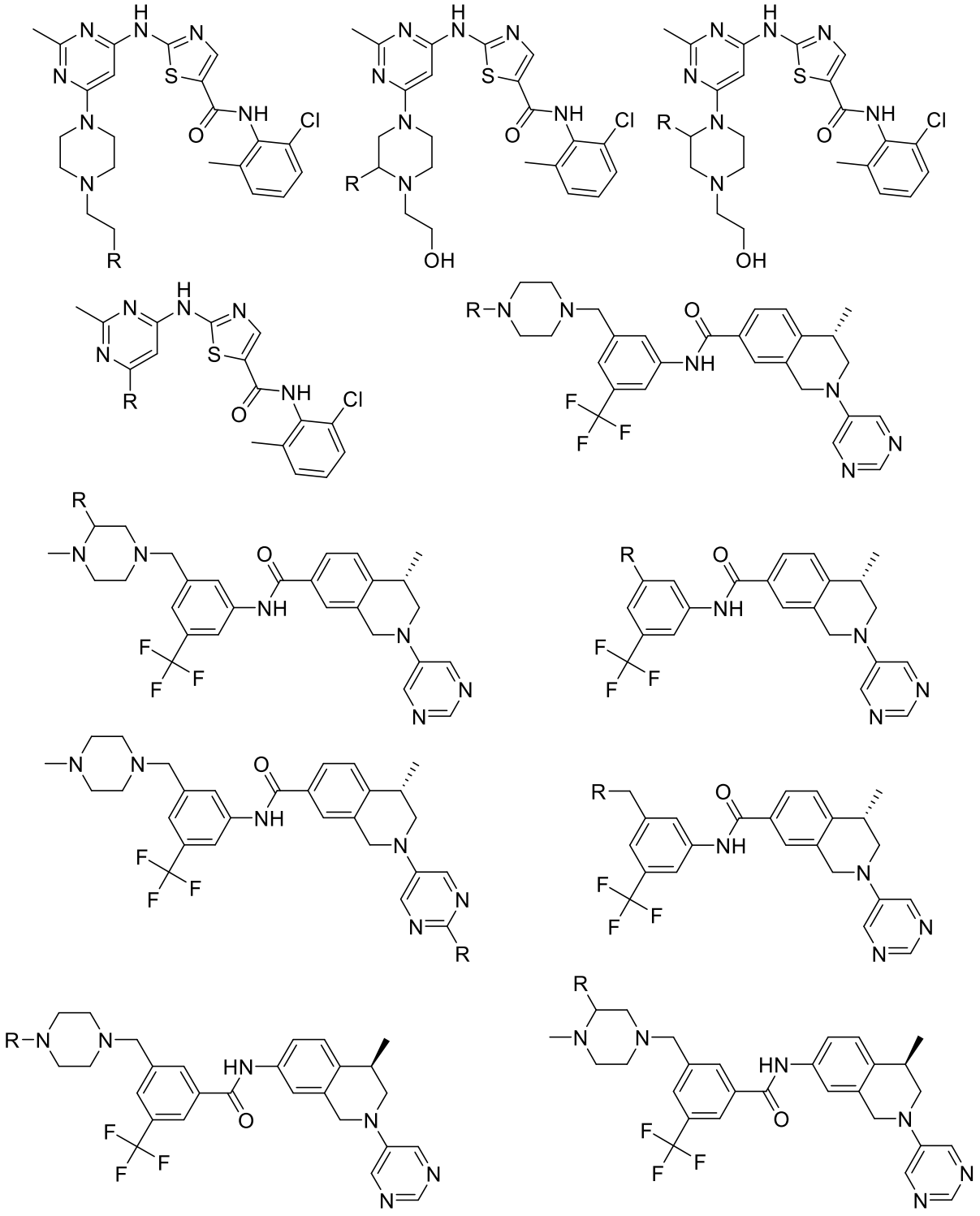


FIG. 8XXX



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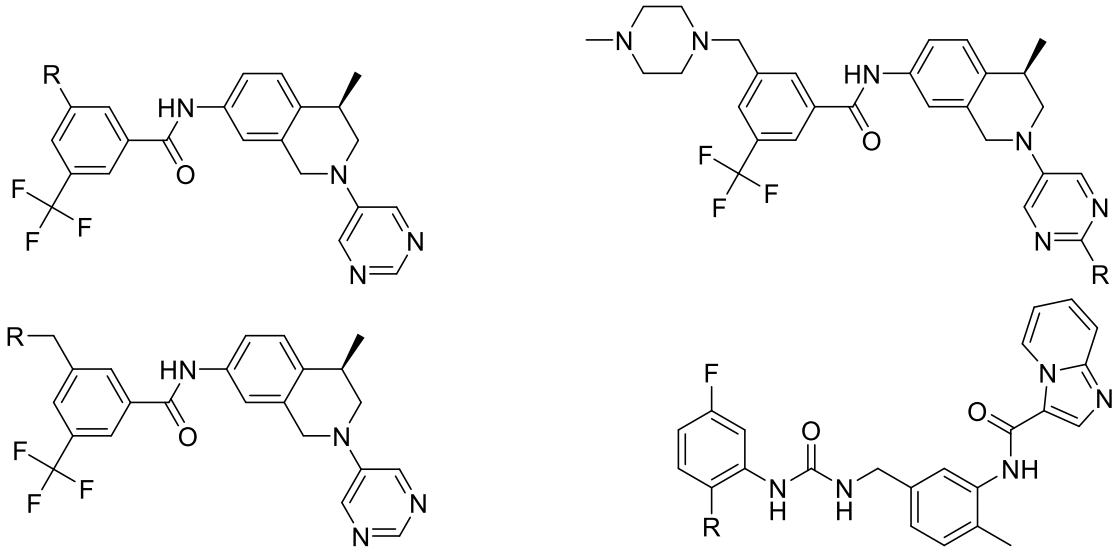

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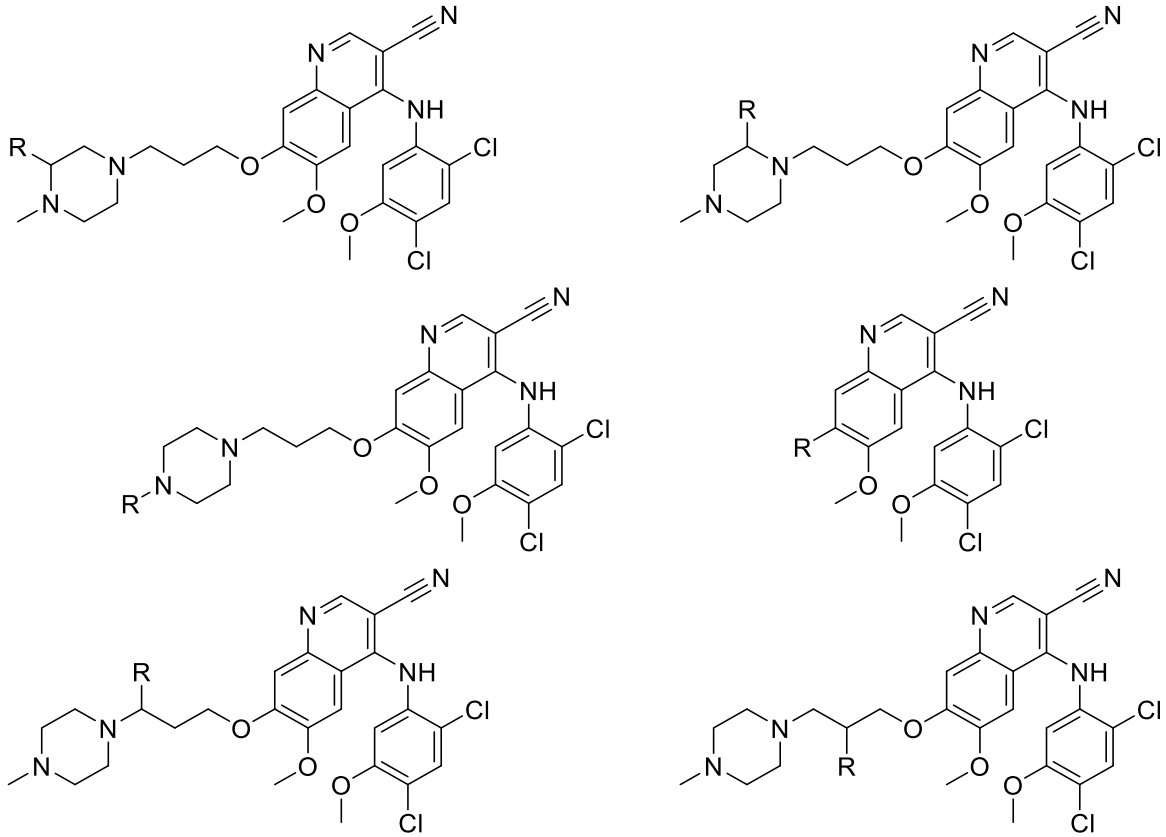

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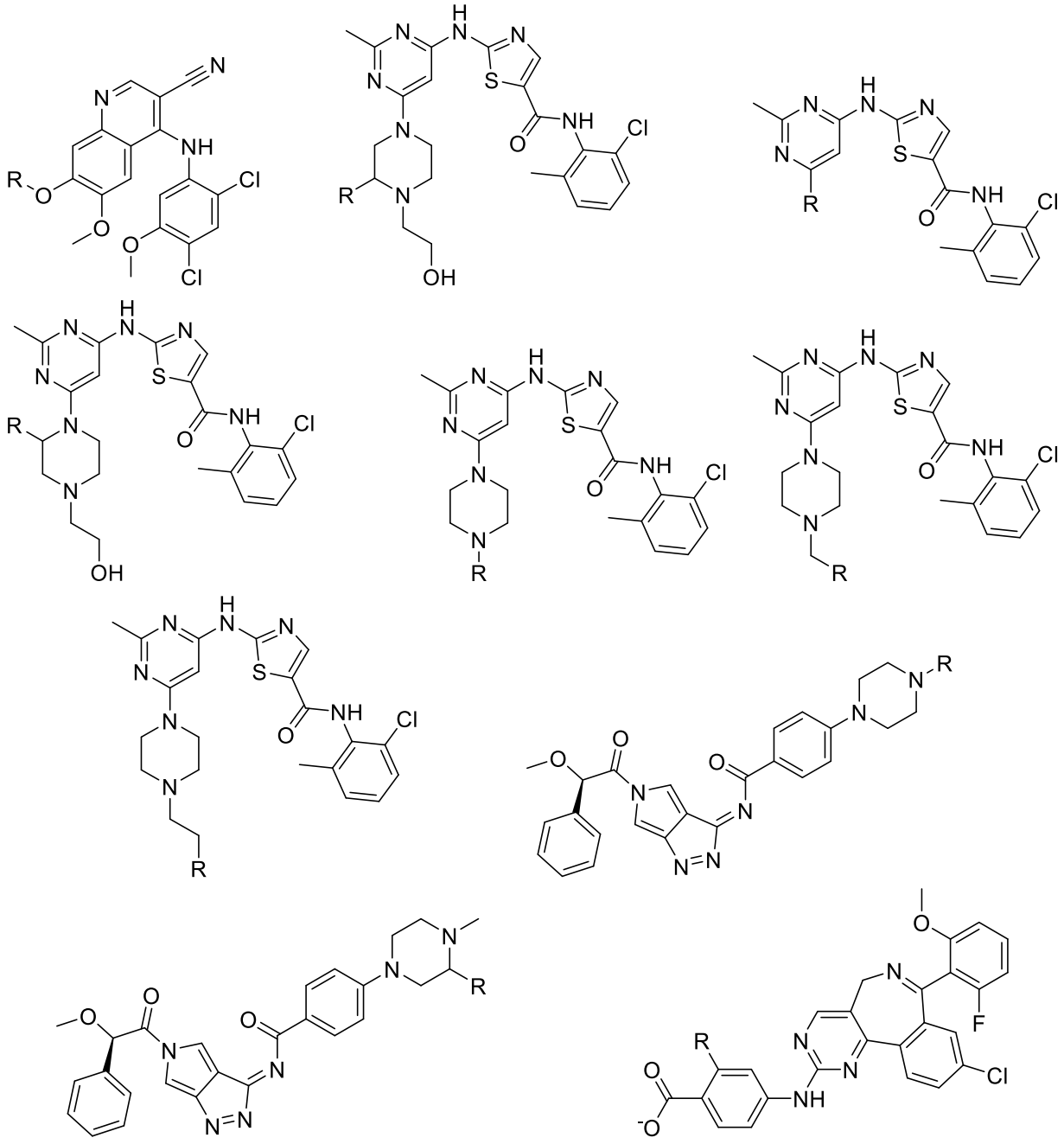

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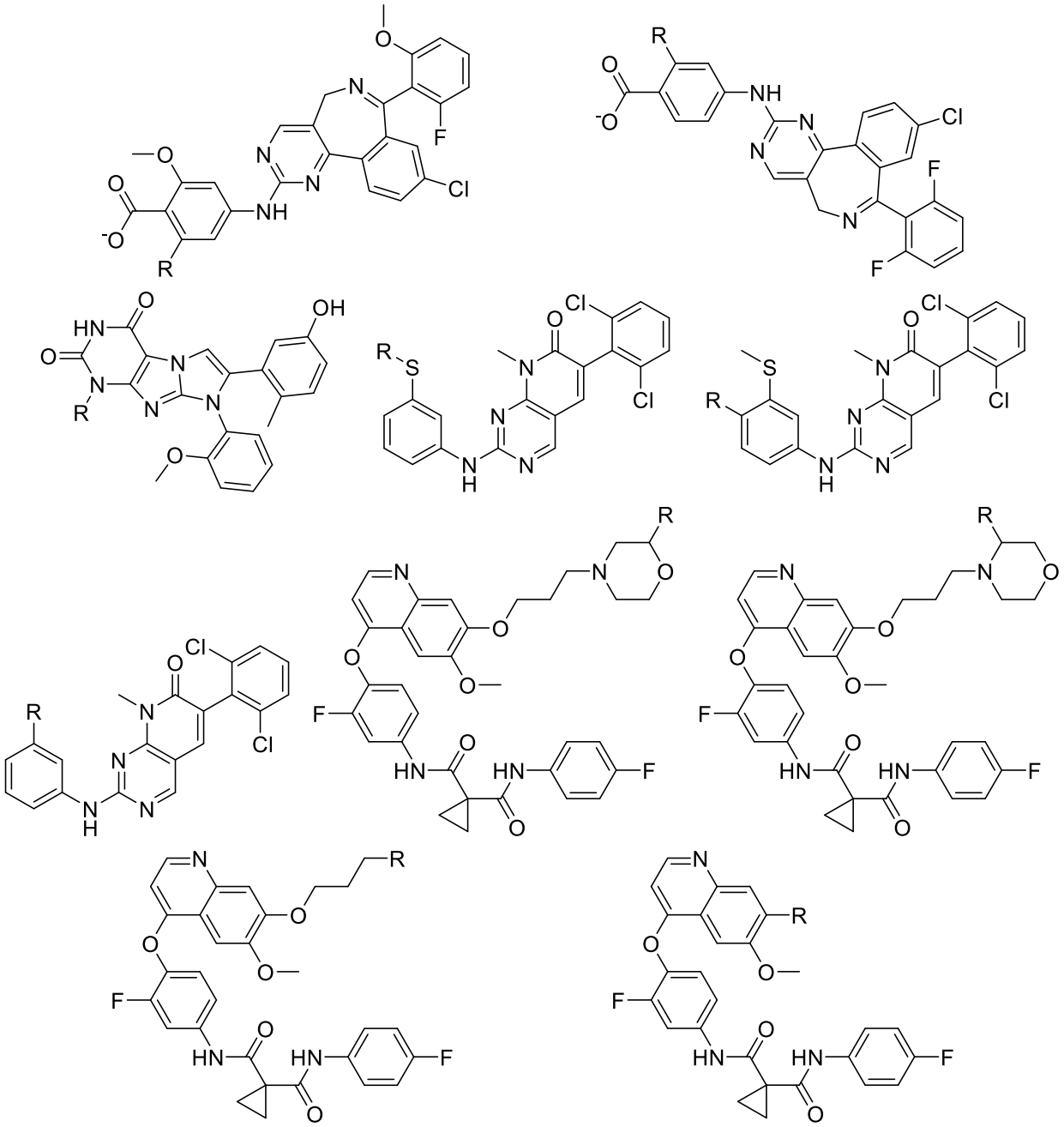

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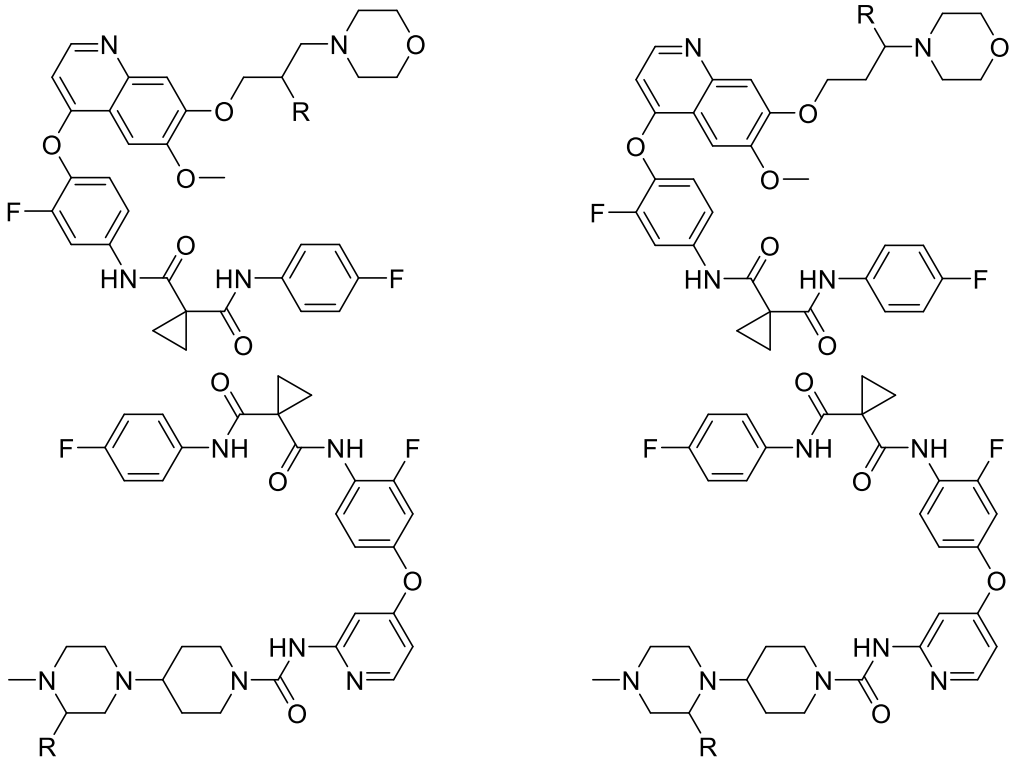

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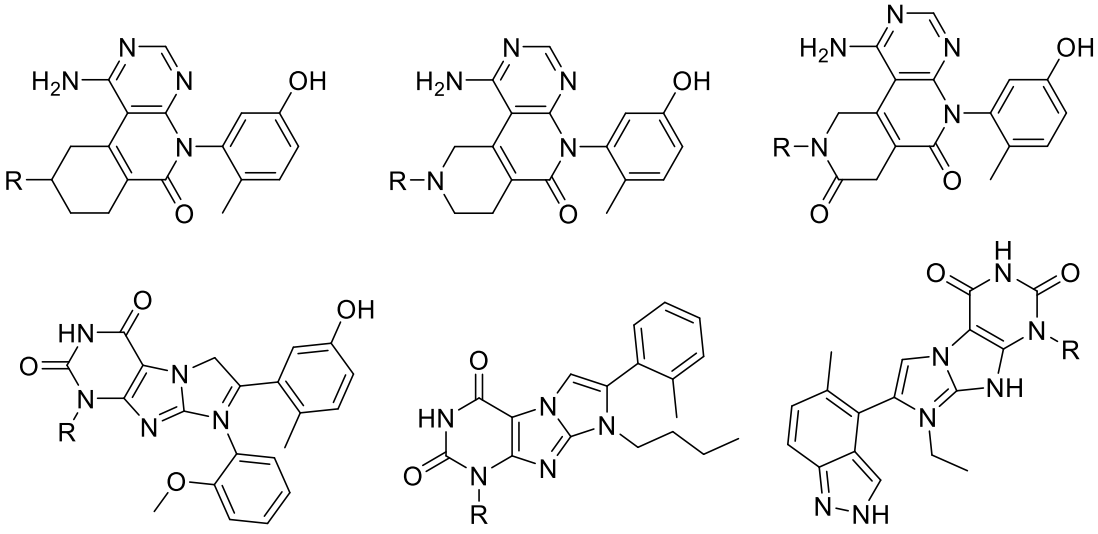

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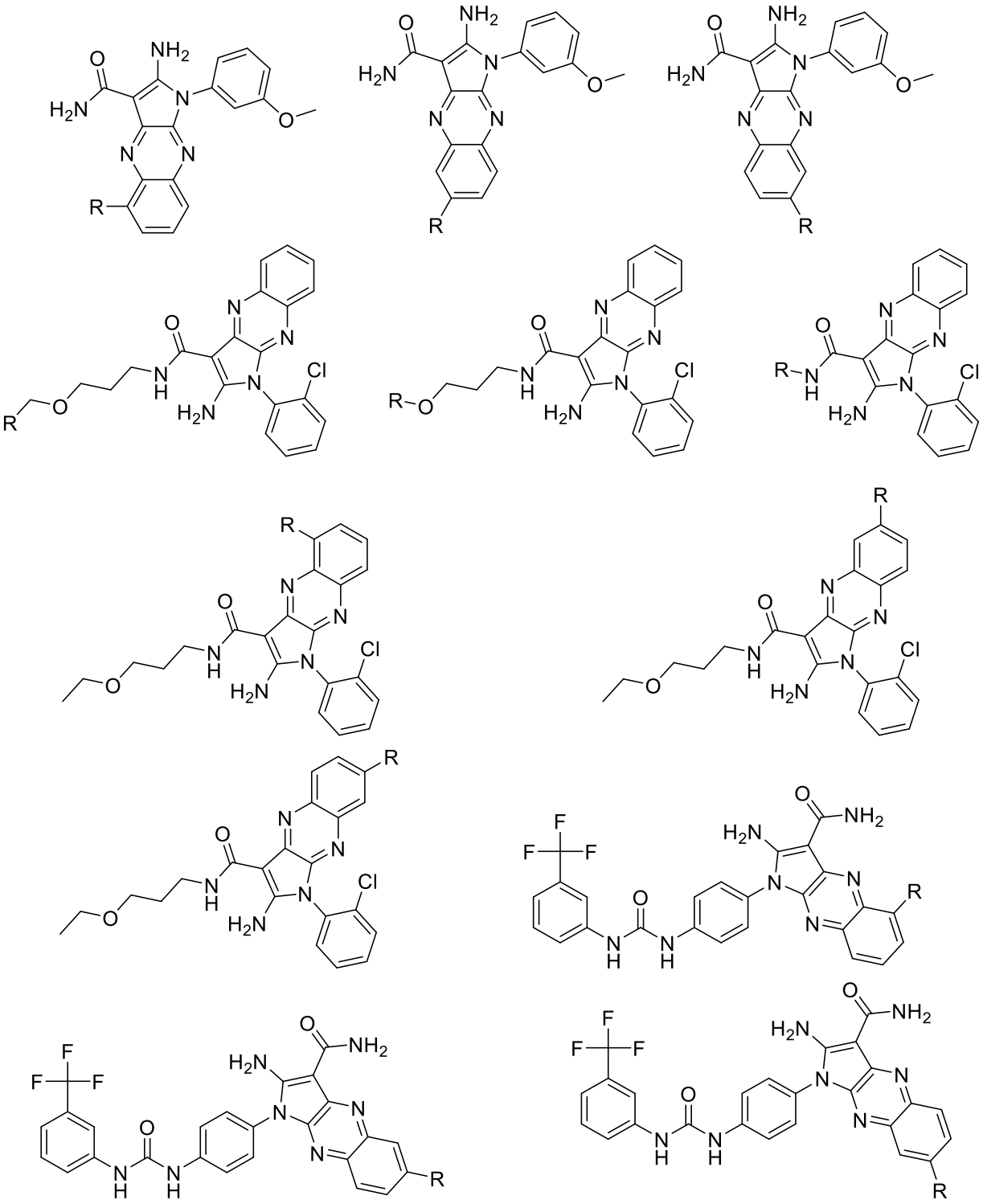

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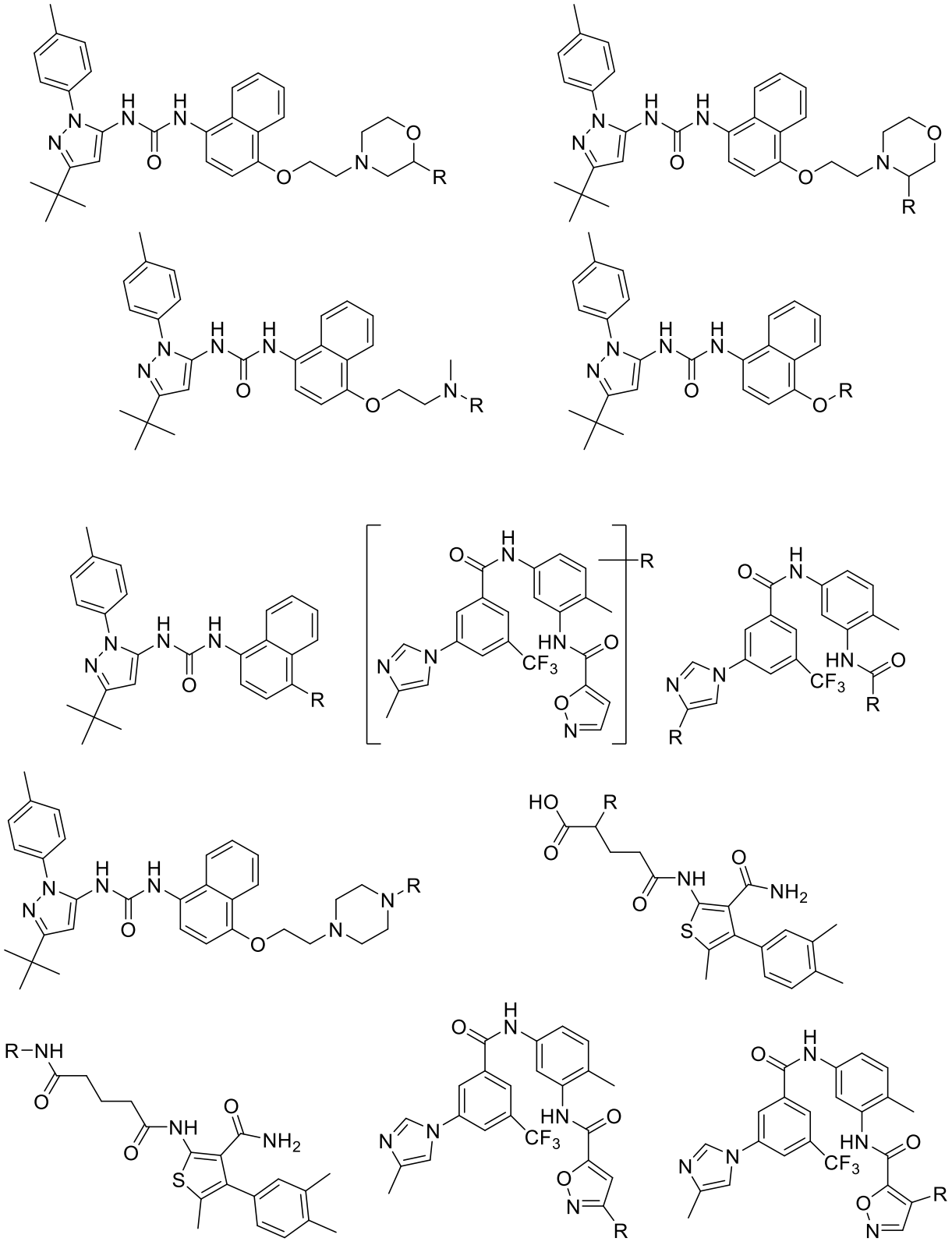

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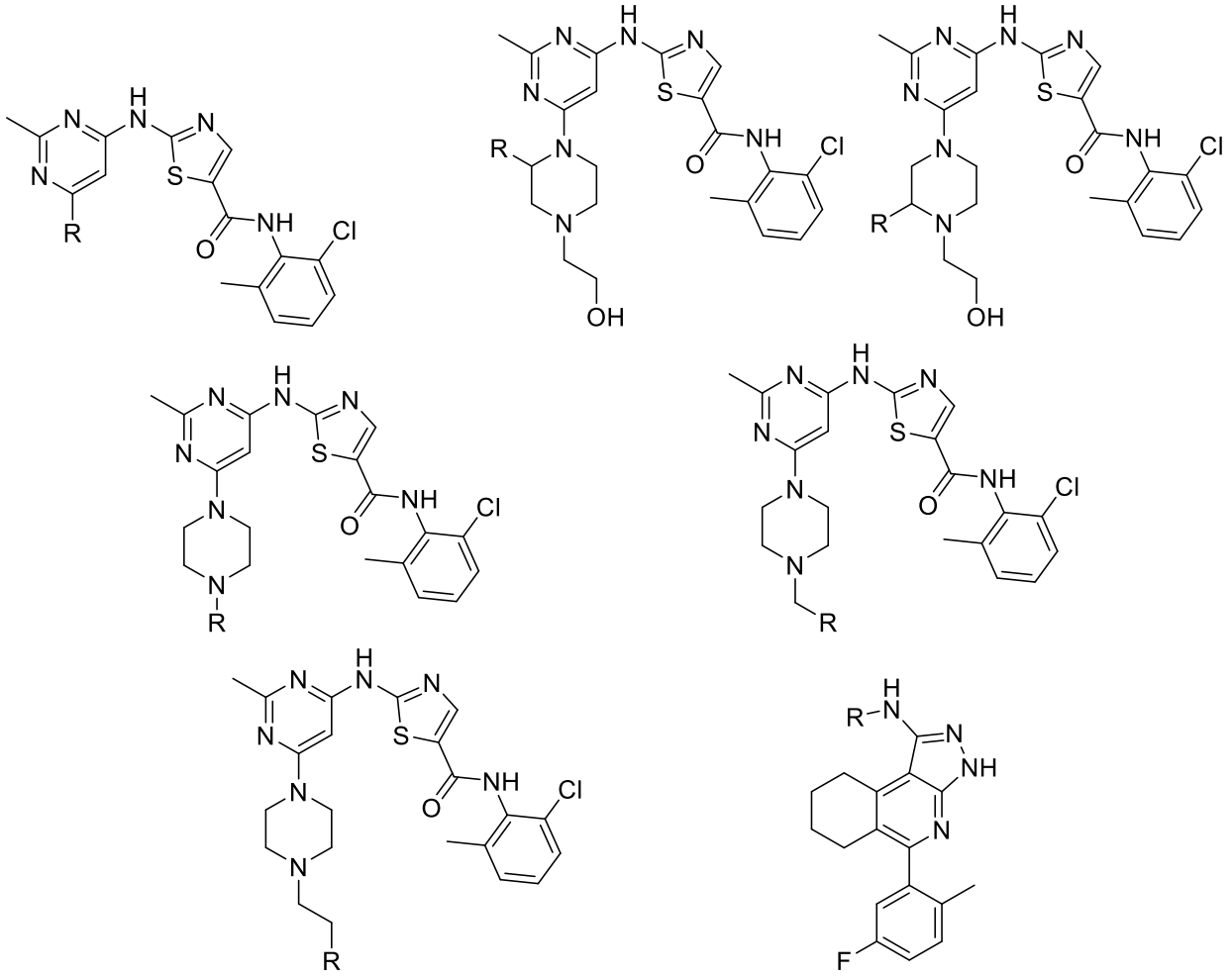

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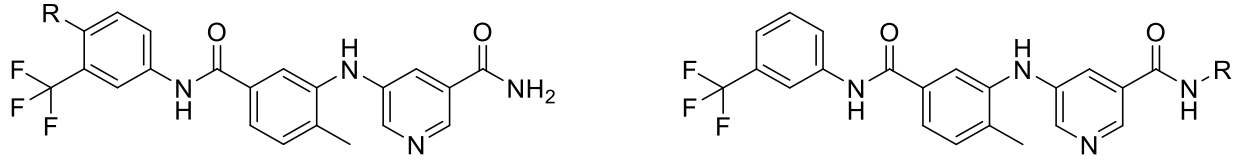

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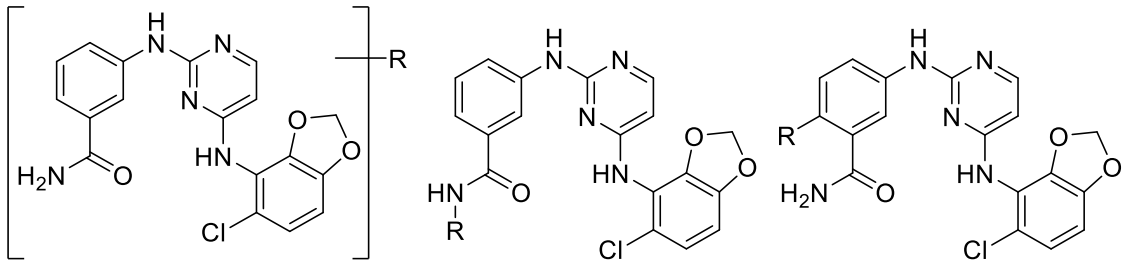

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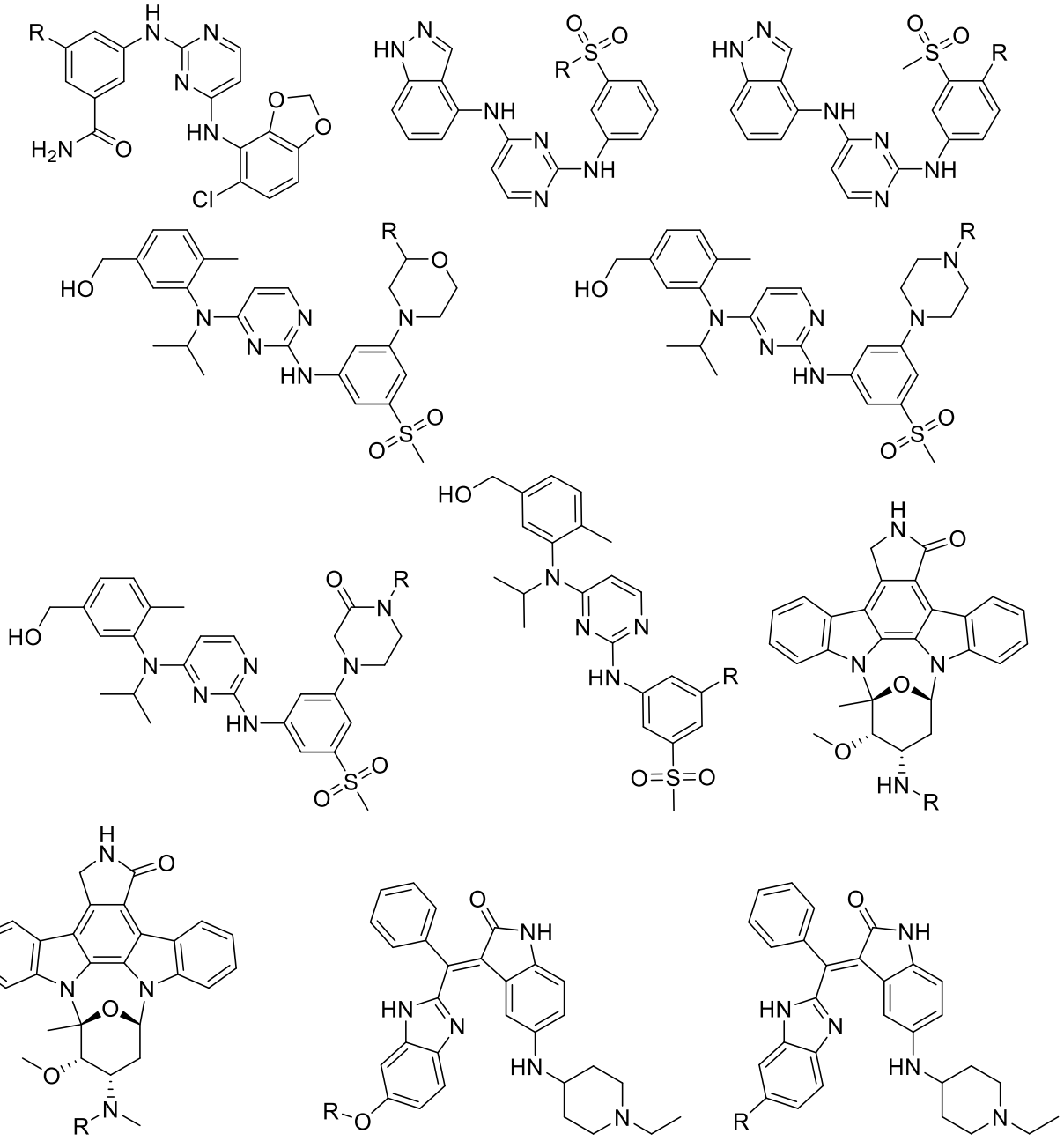

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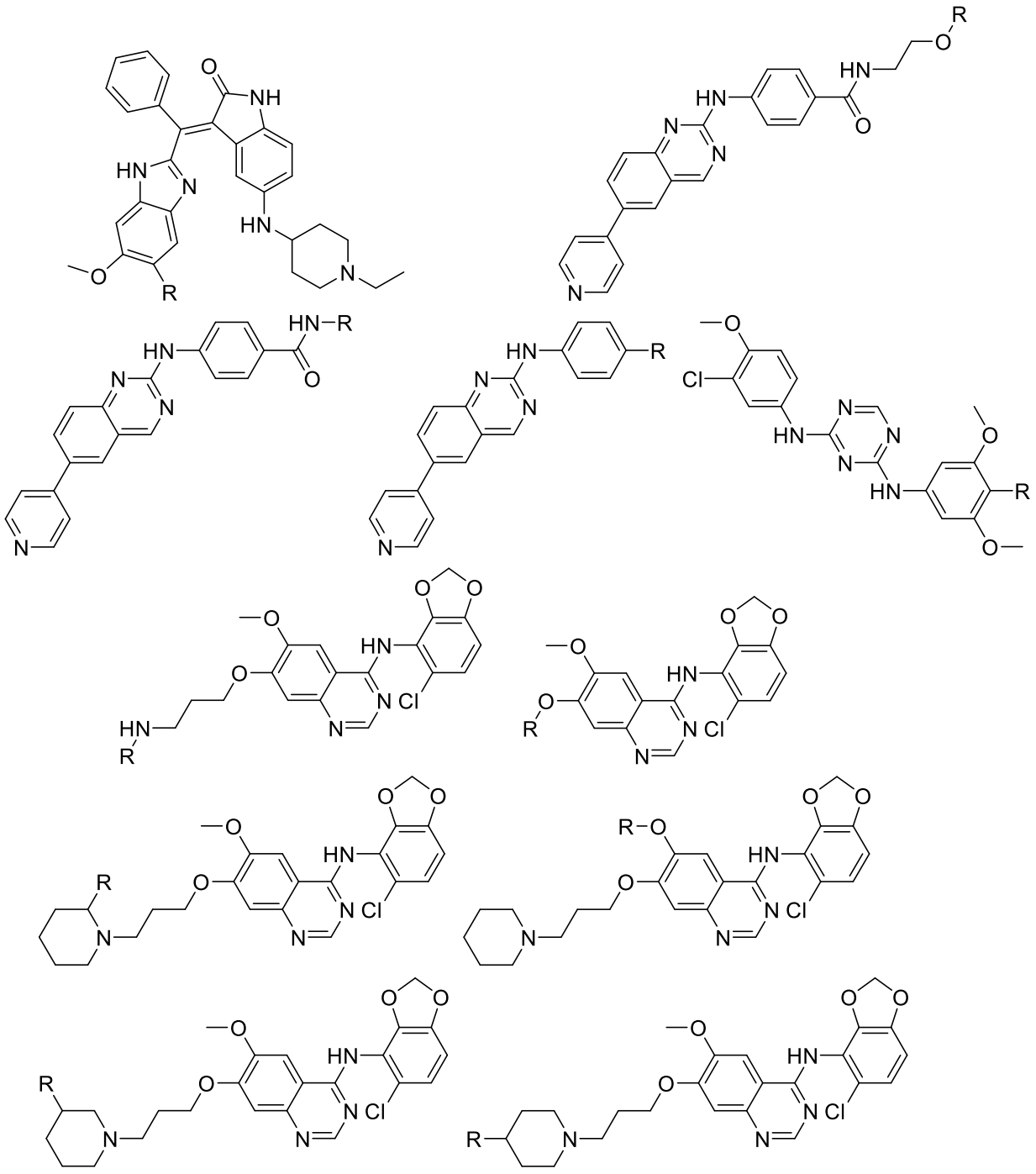

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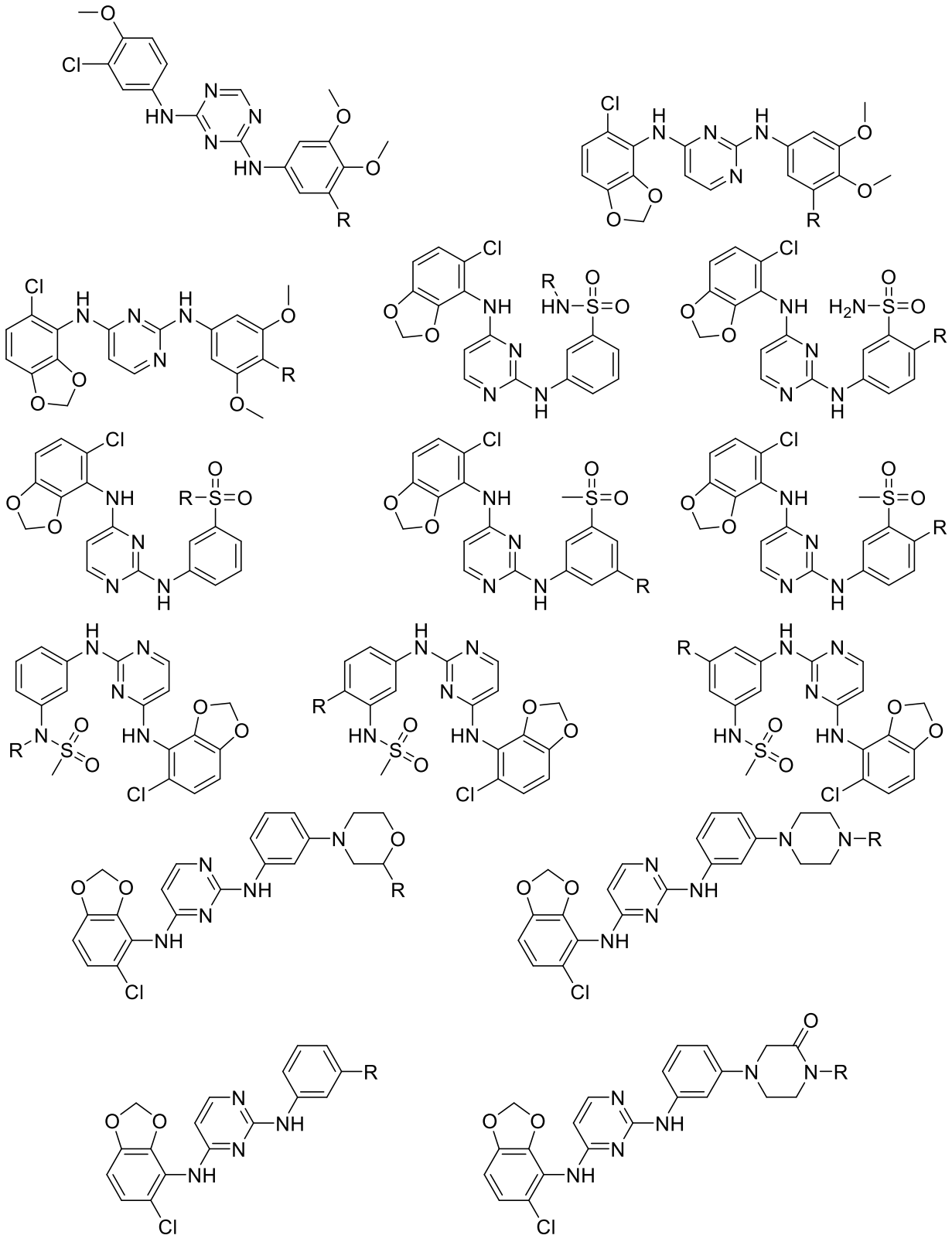

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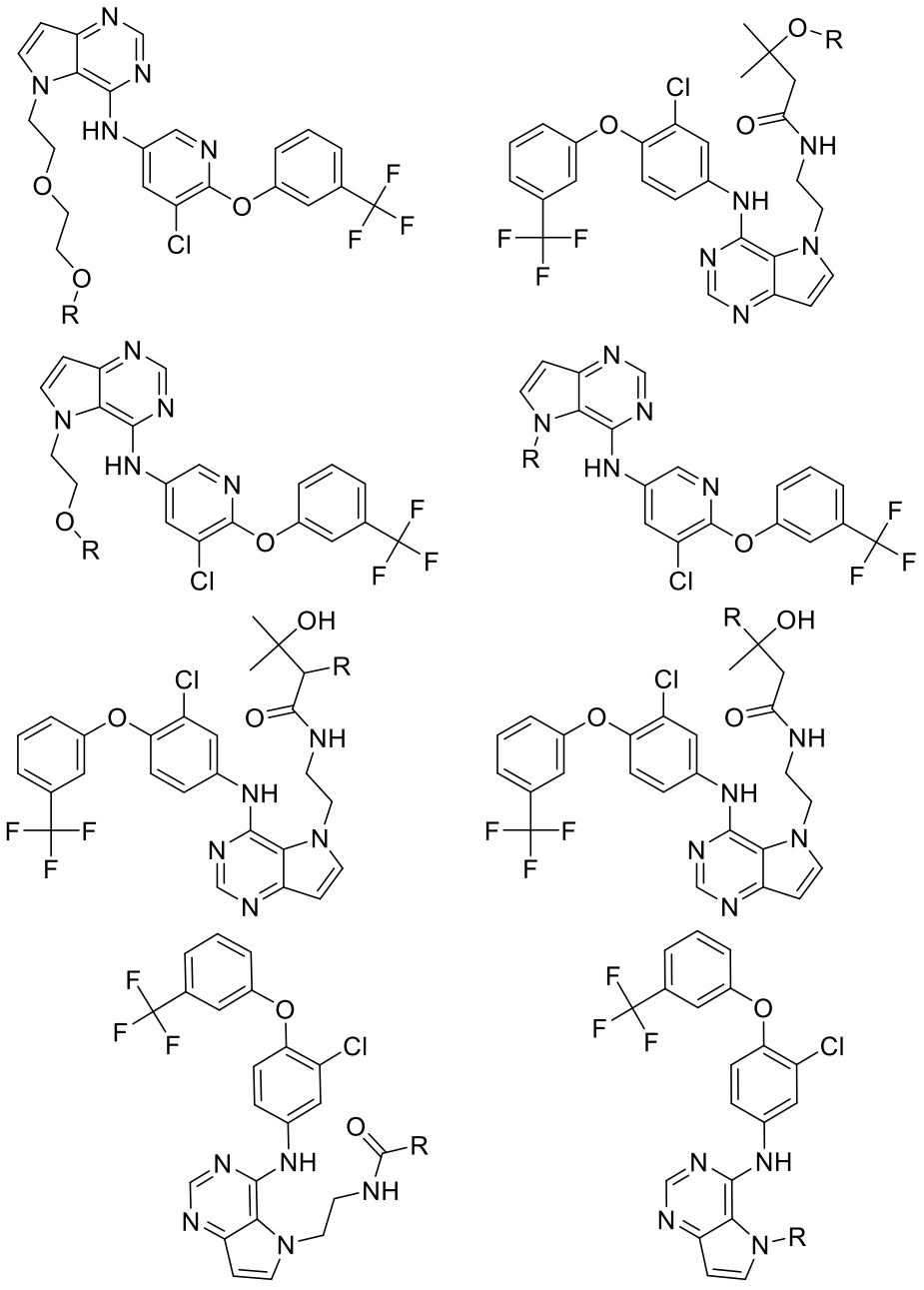

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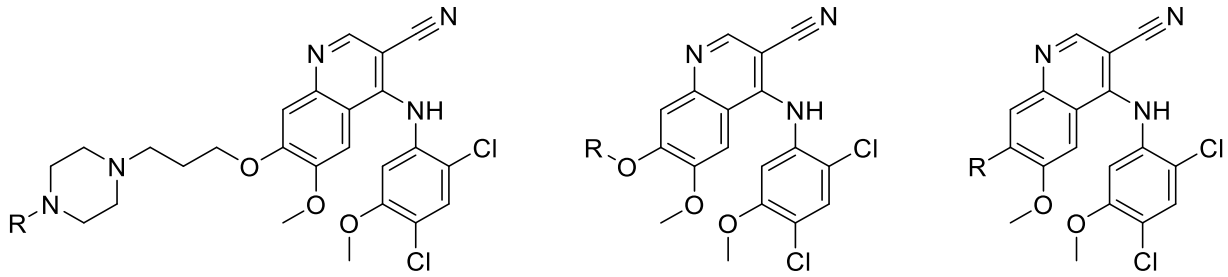

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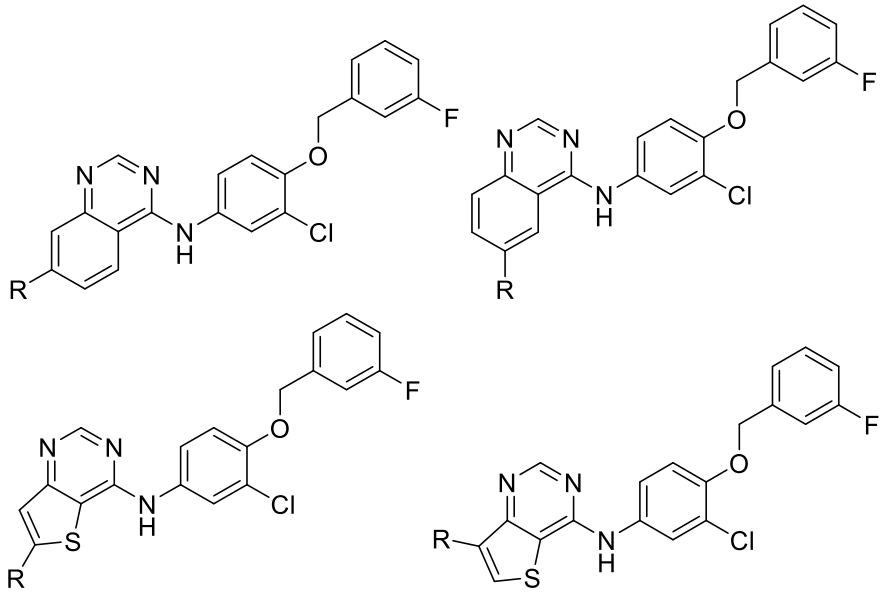

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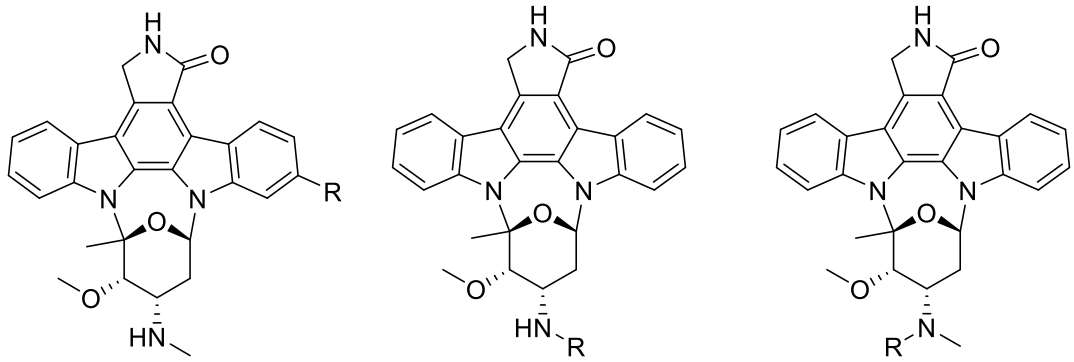

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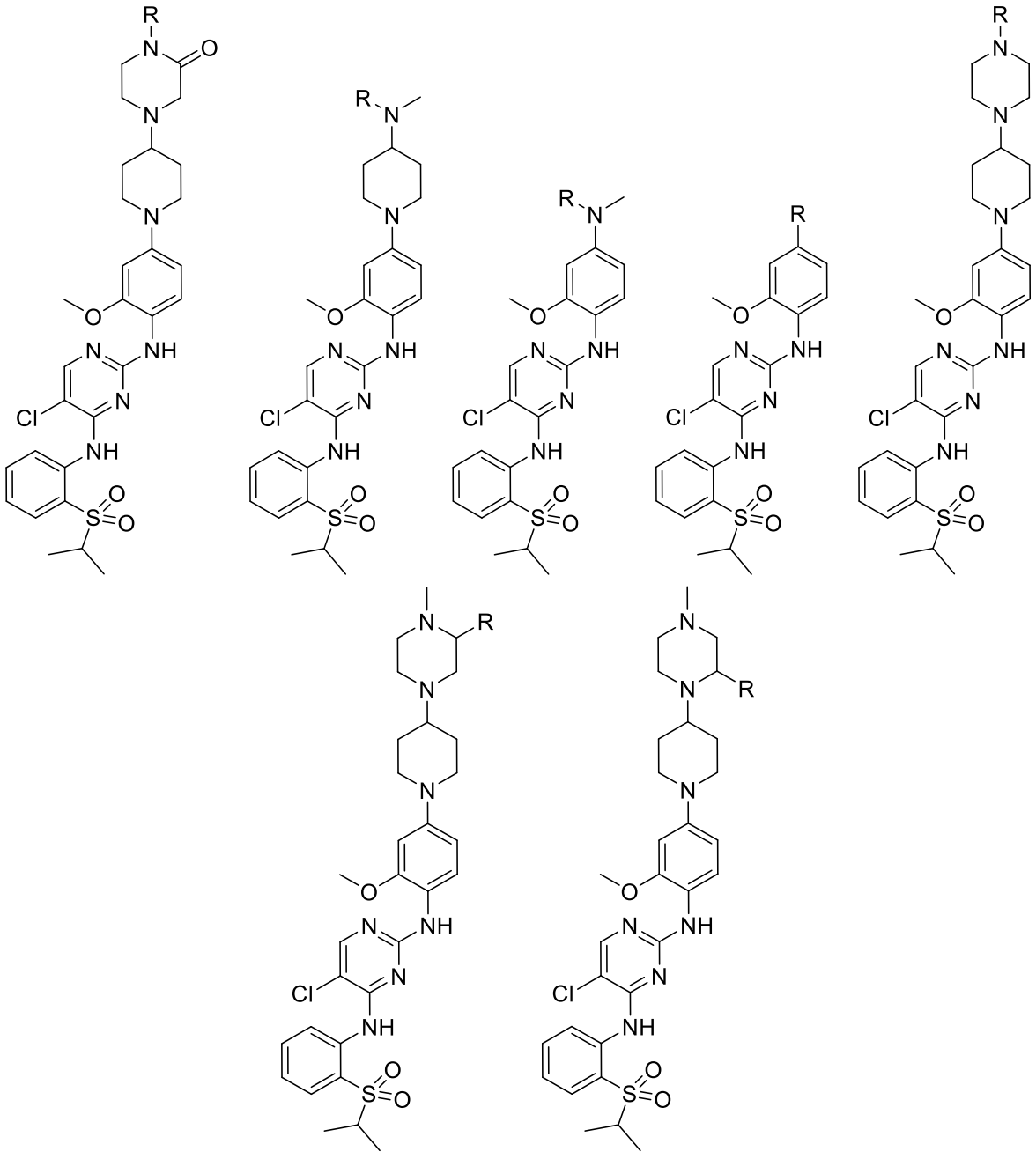

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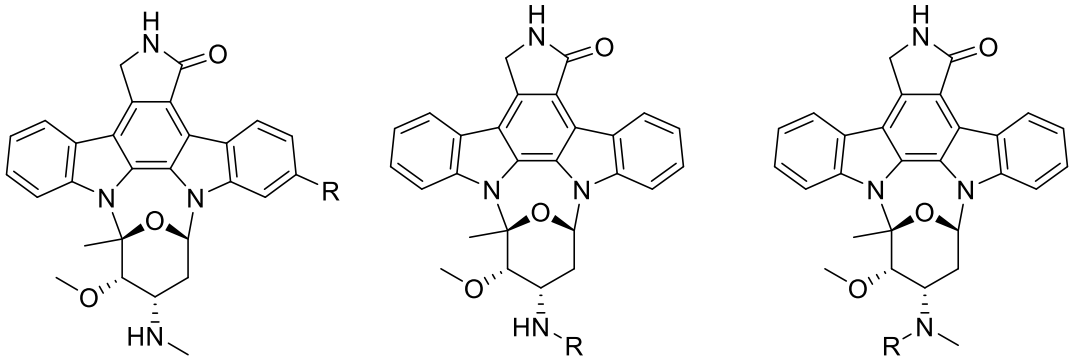

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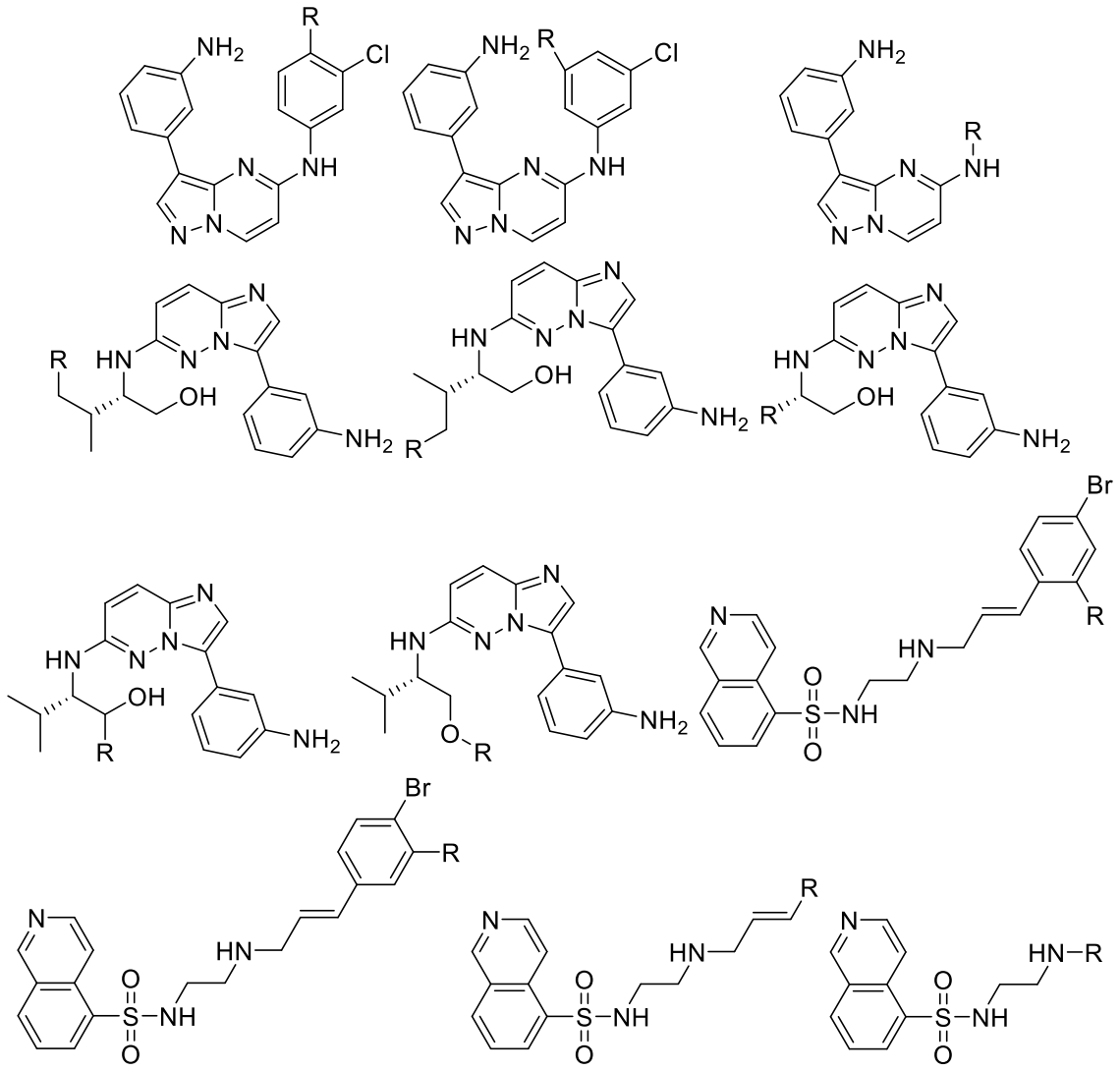

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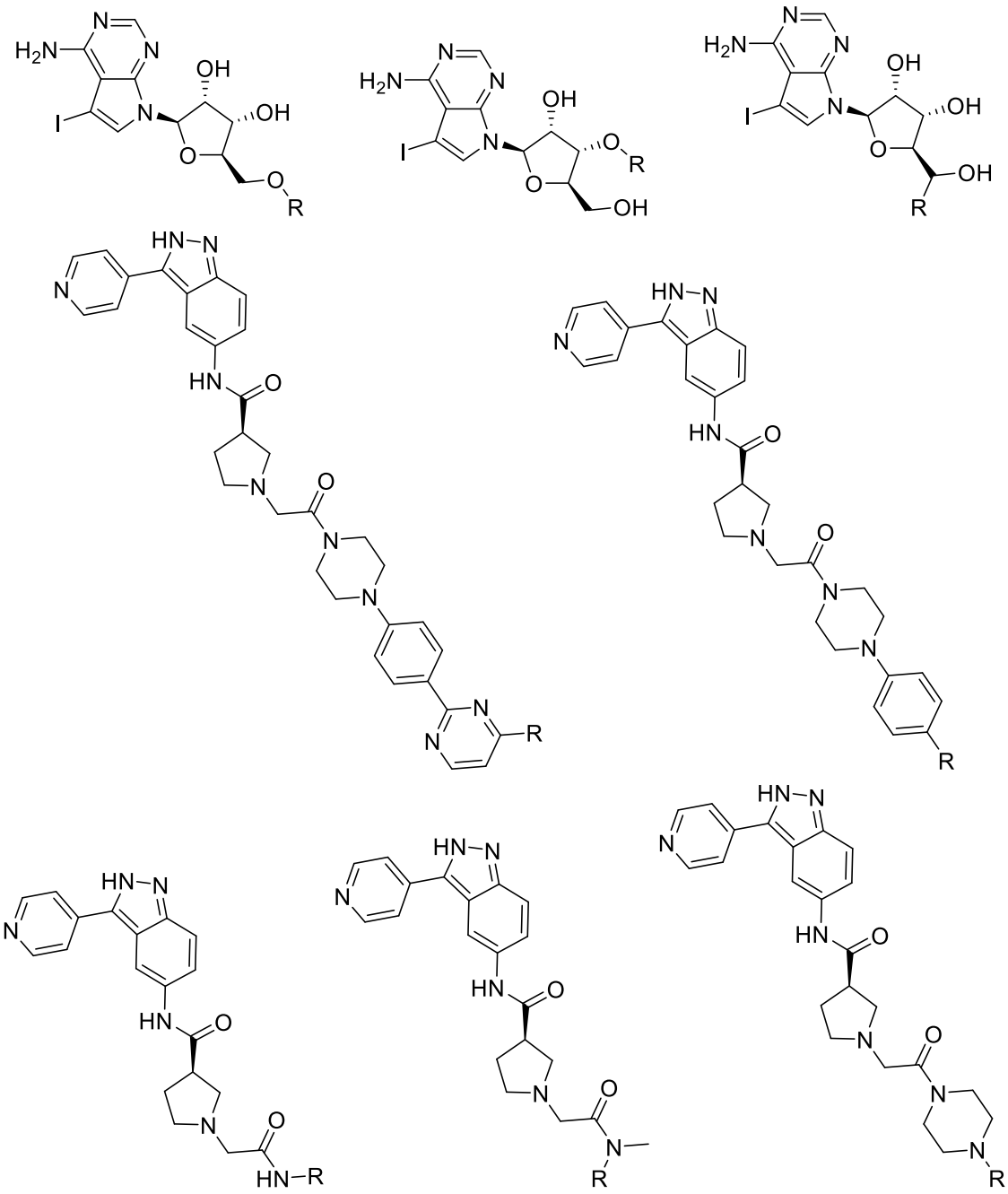
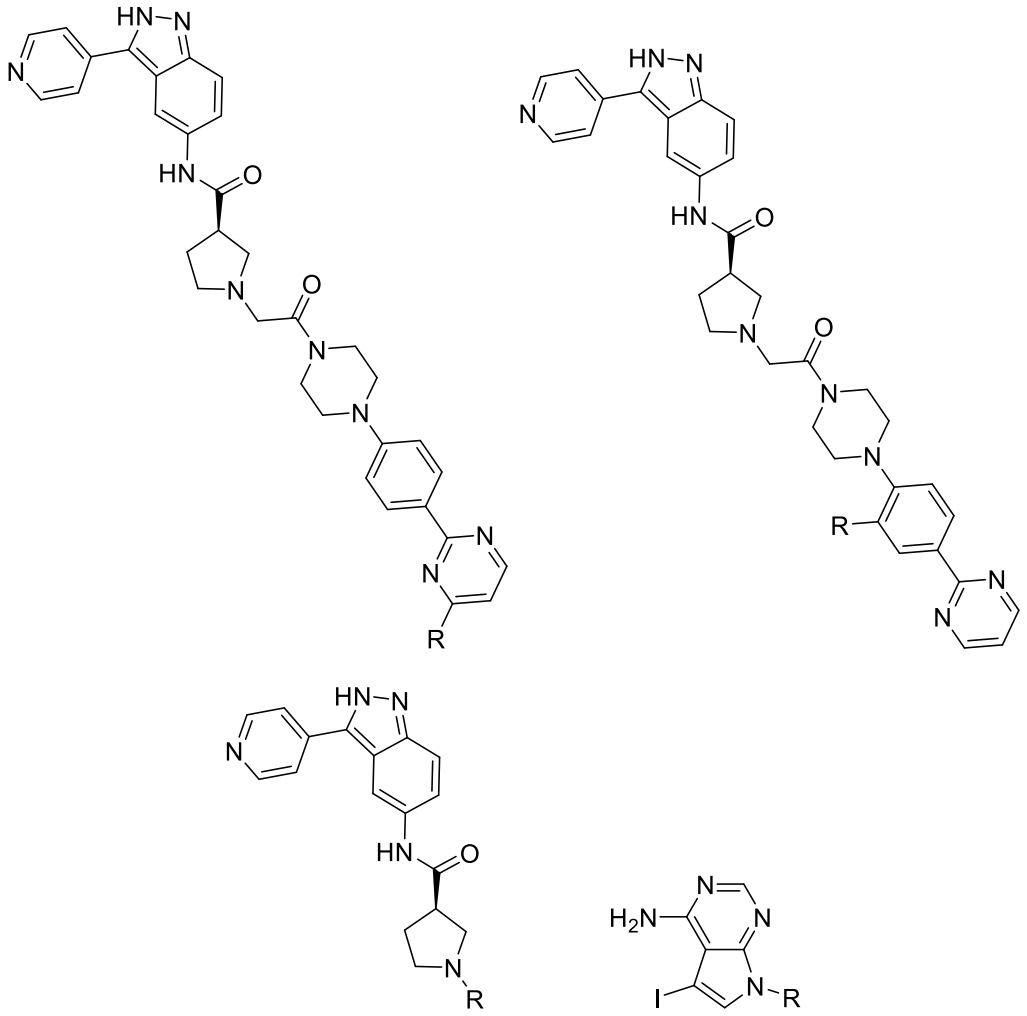


FIG. 8UUUU



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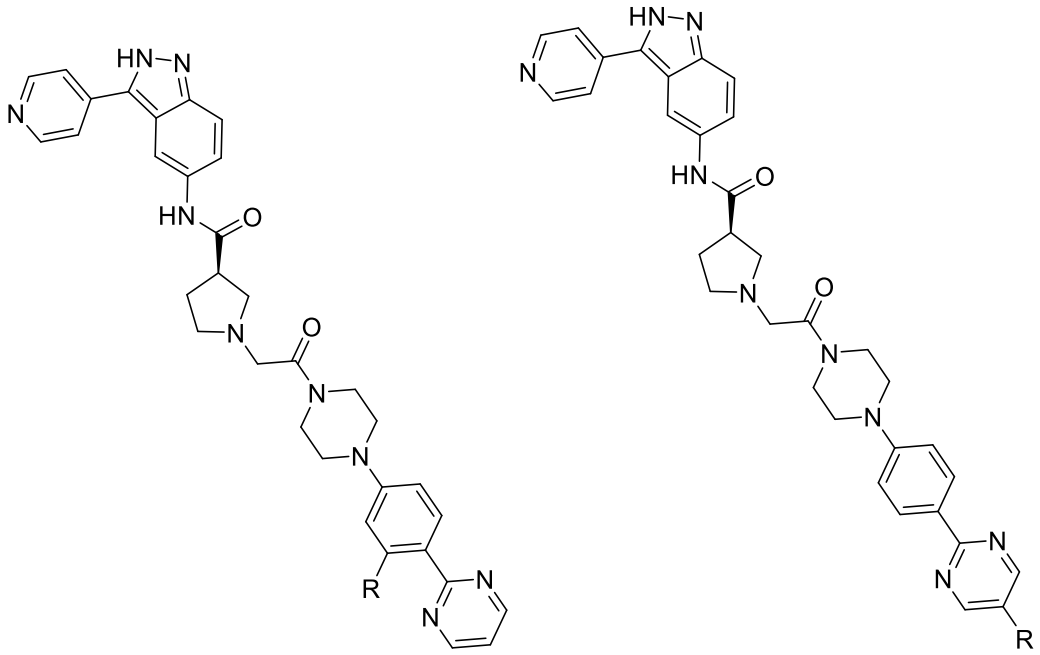

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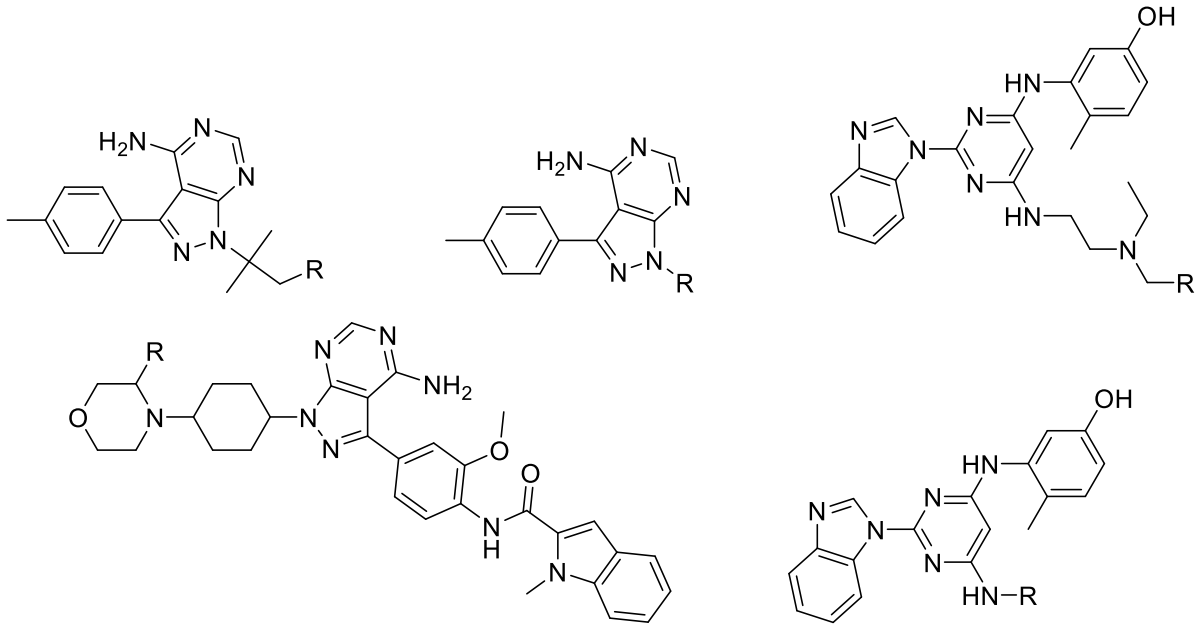
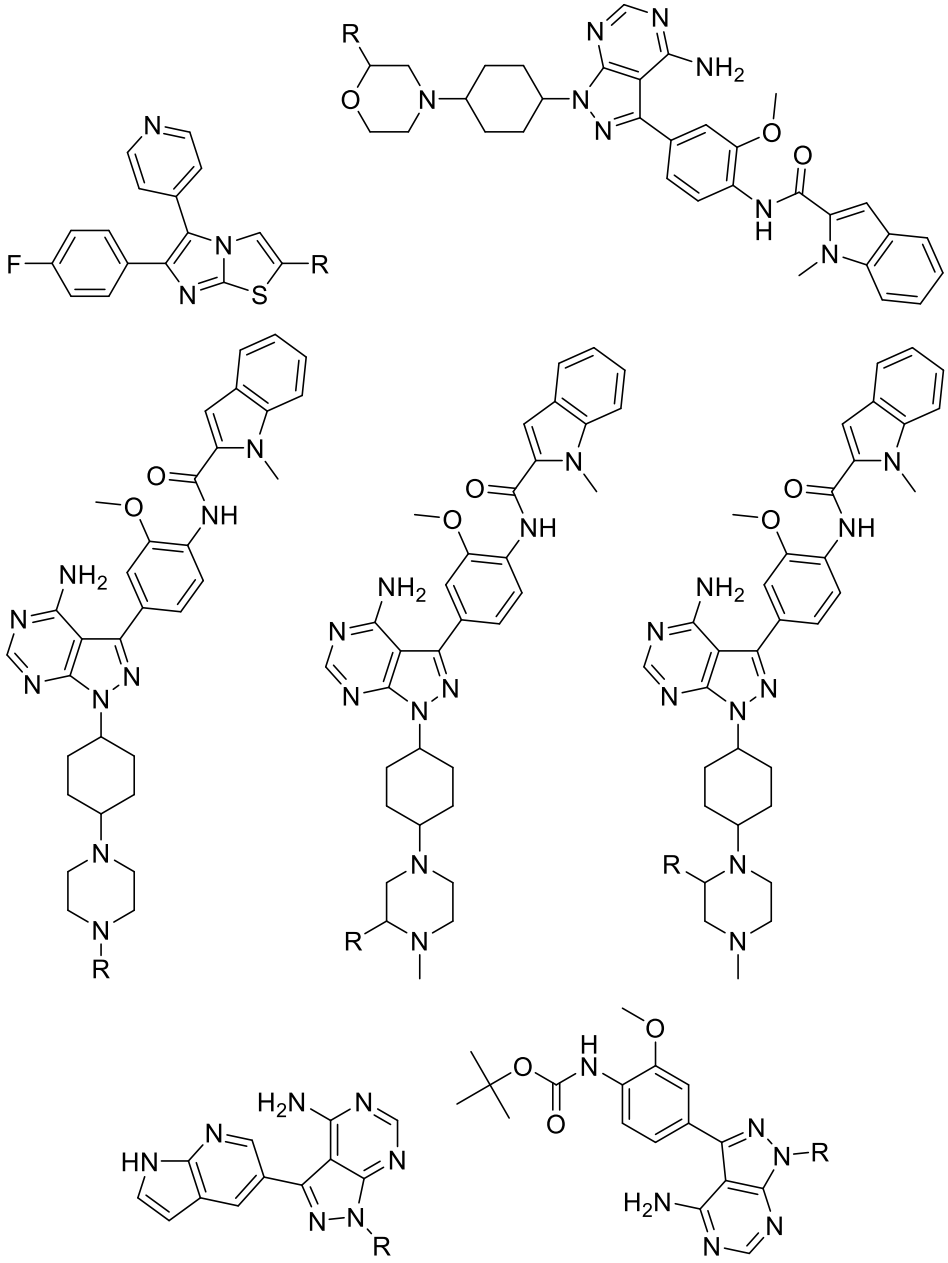


FIG. 8XXXX



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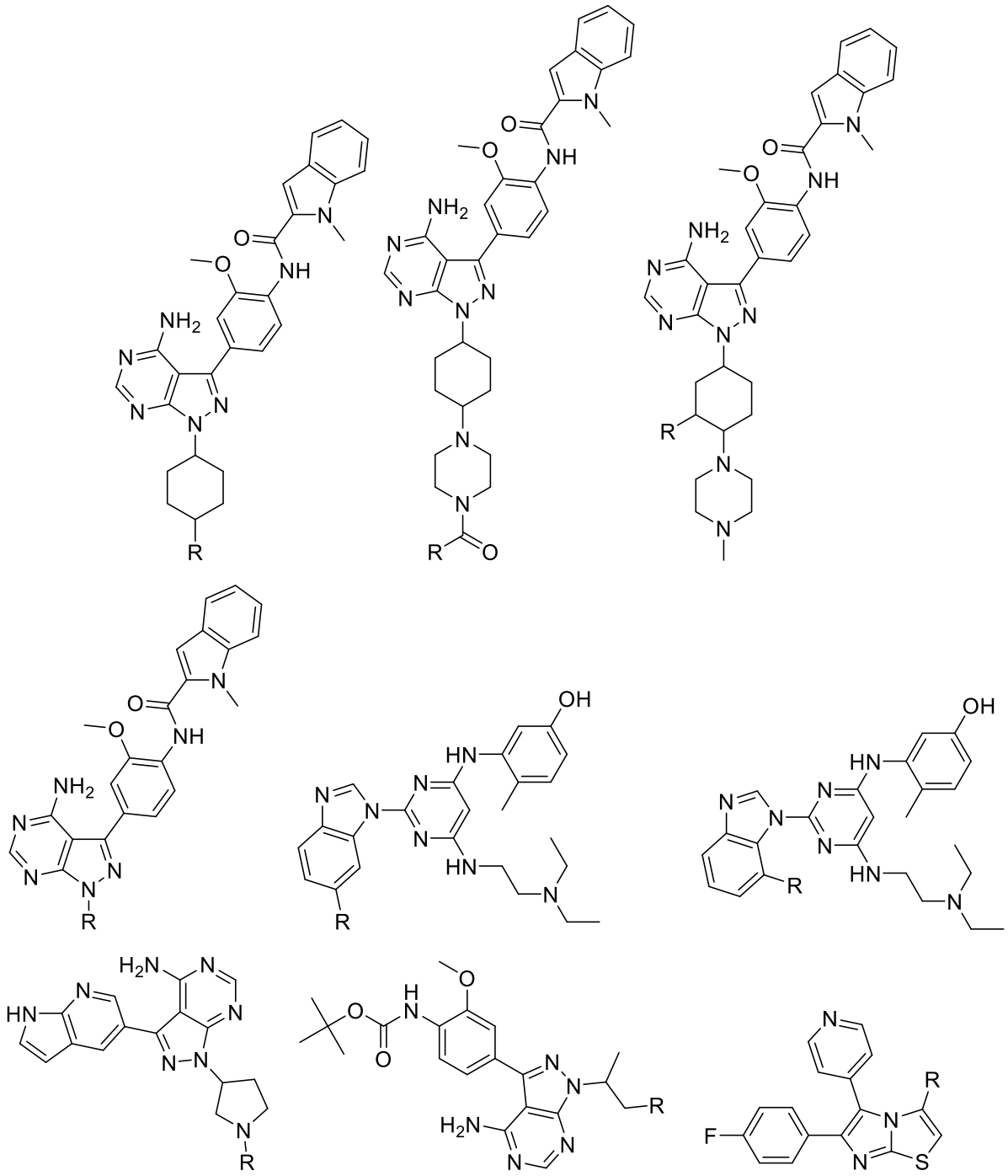

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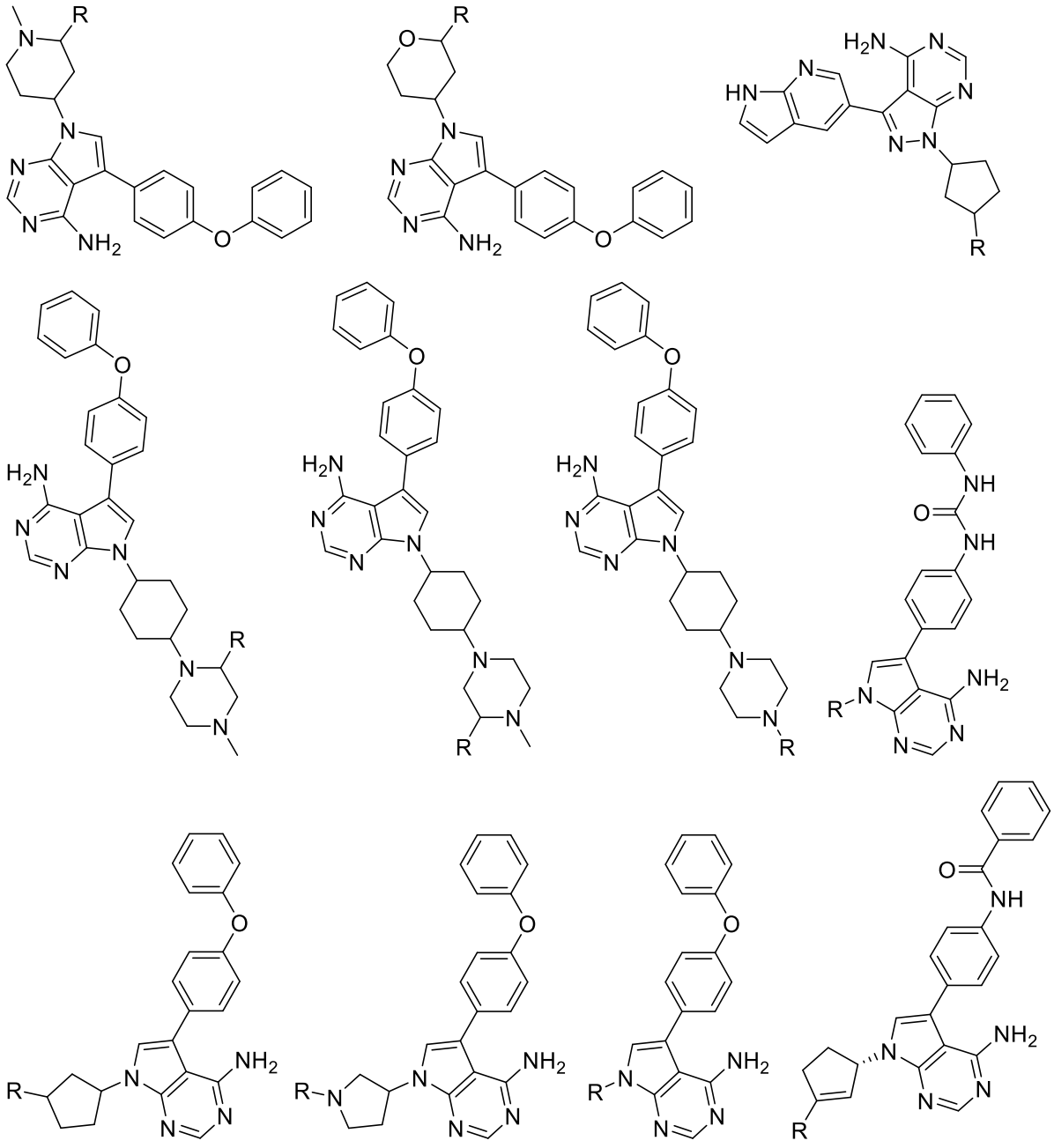

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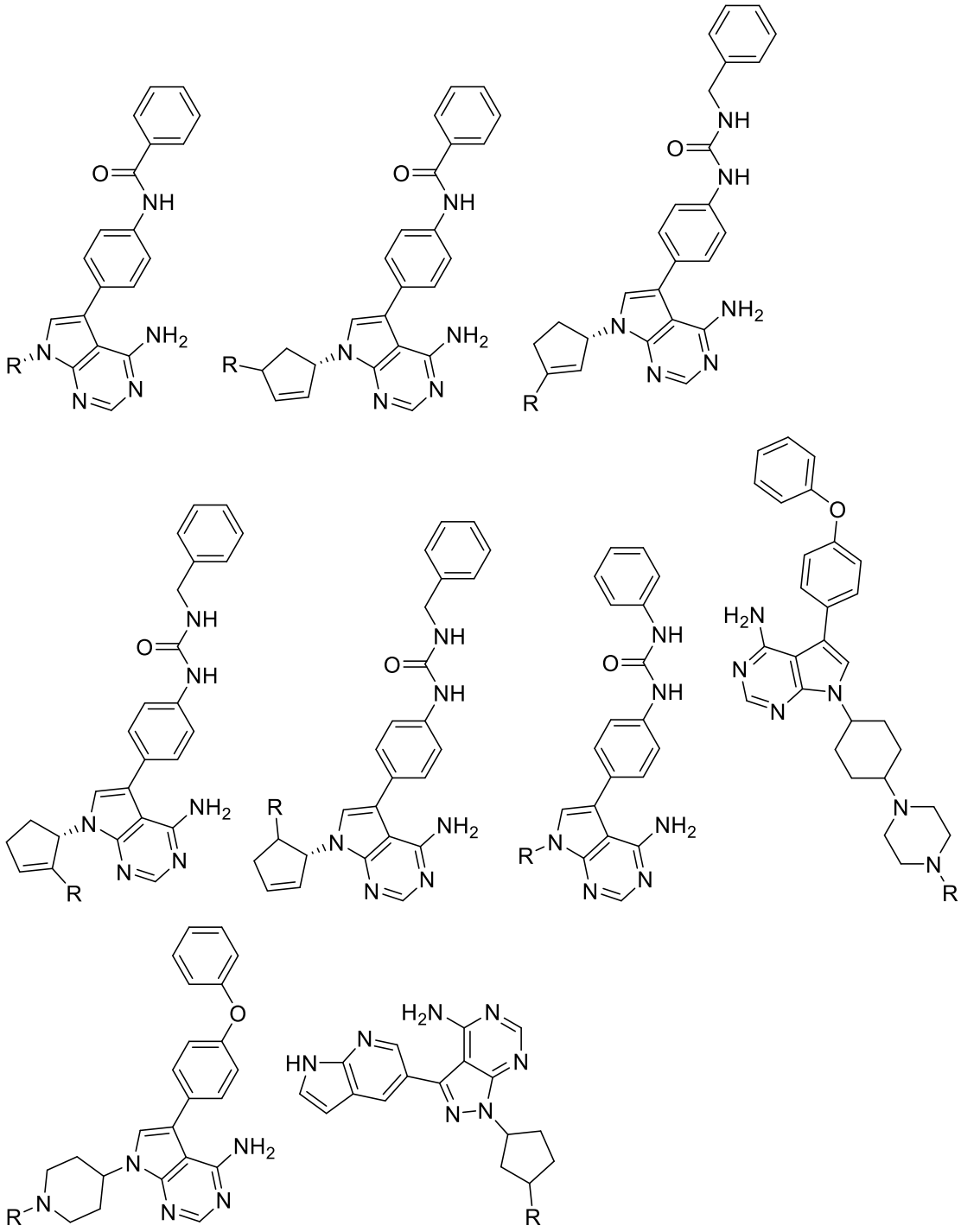

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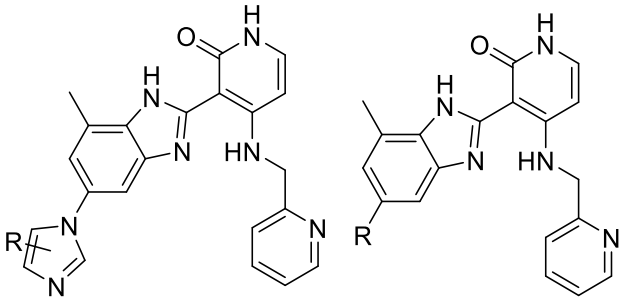
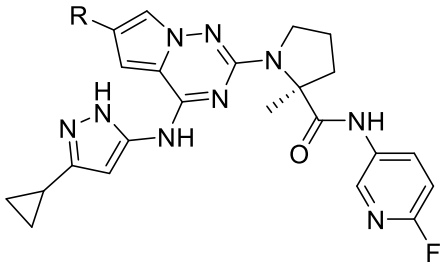
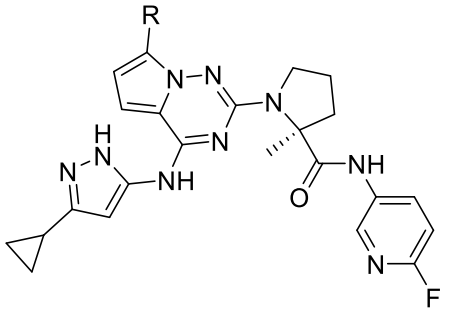
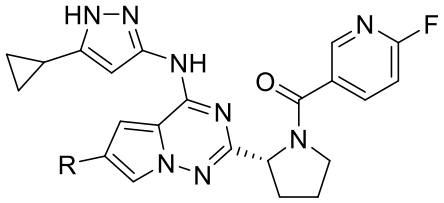
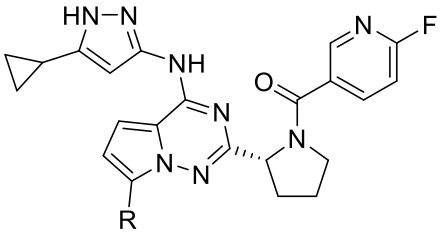
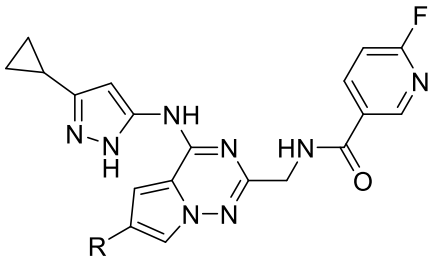


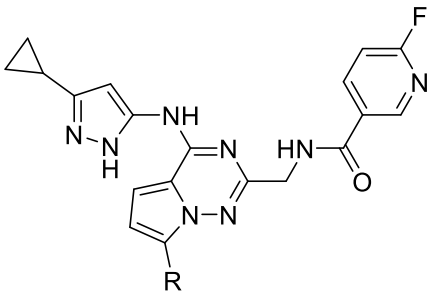


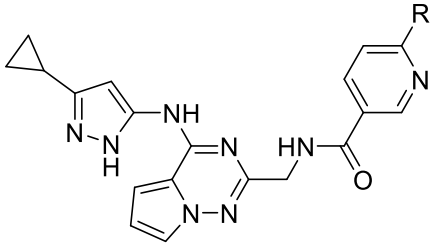


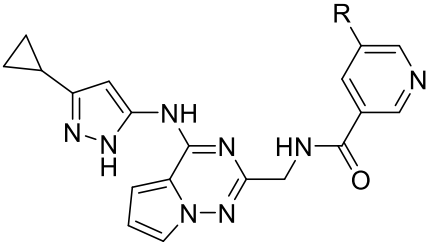












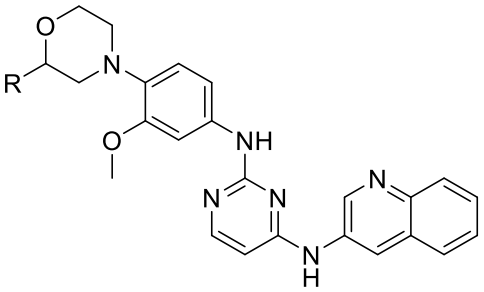
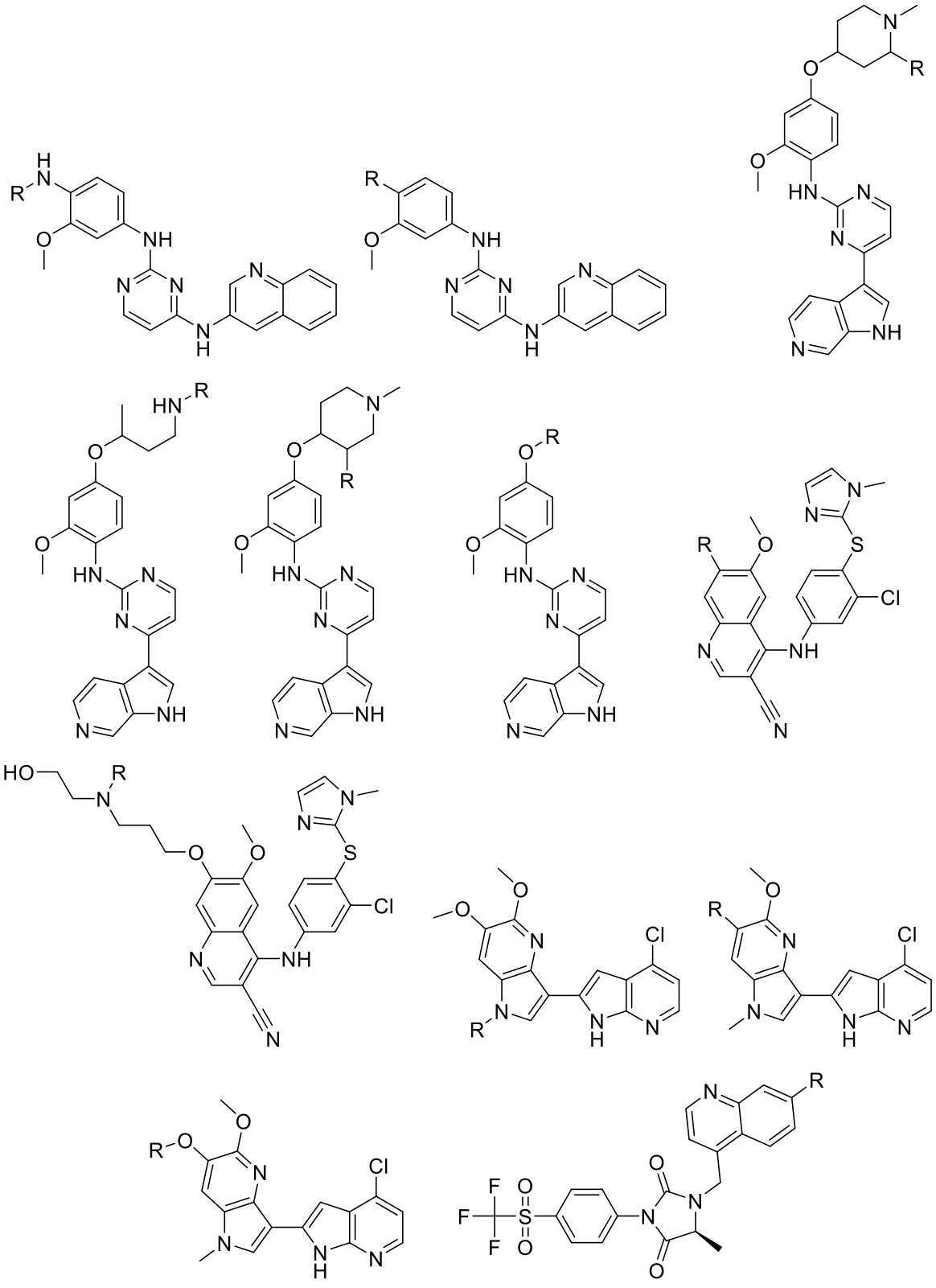


FIG. 8CCCCC



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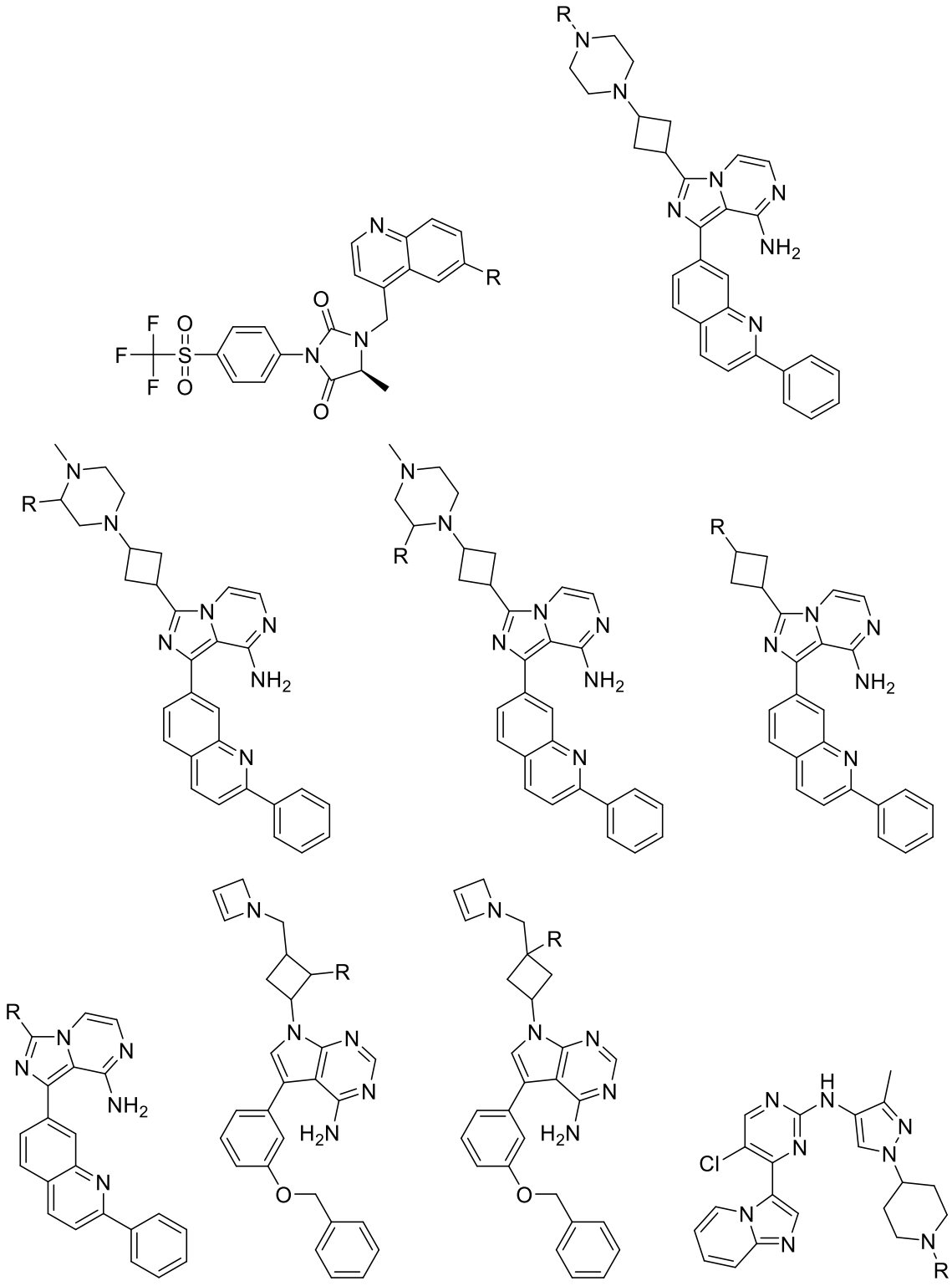
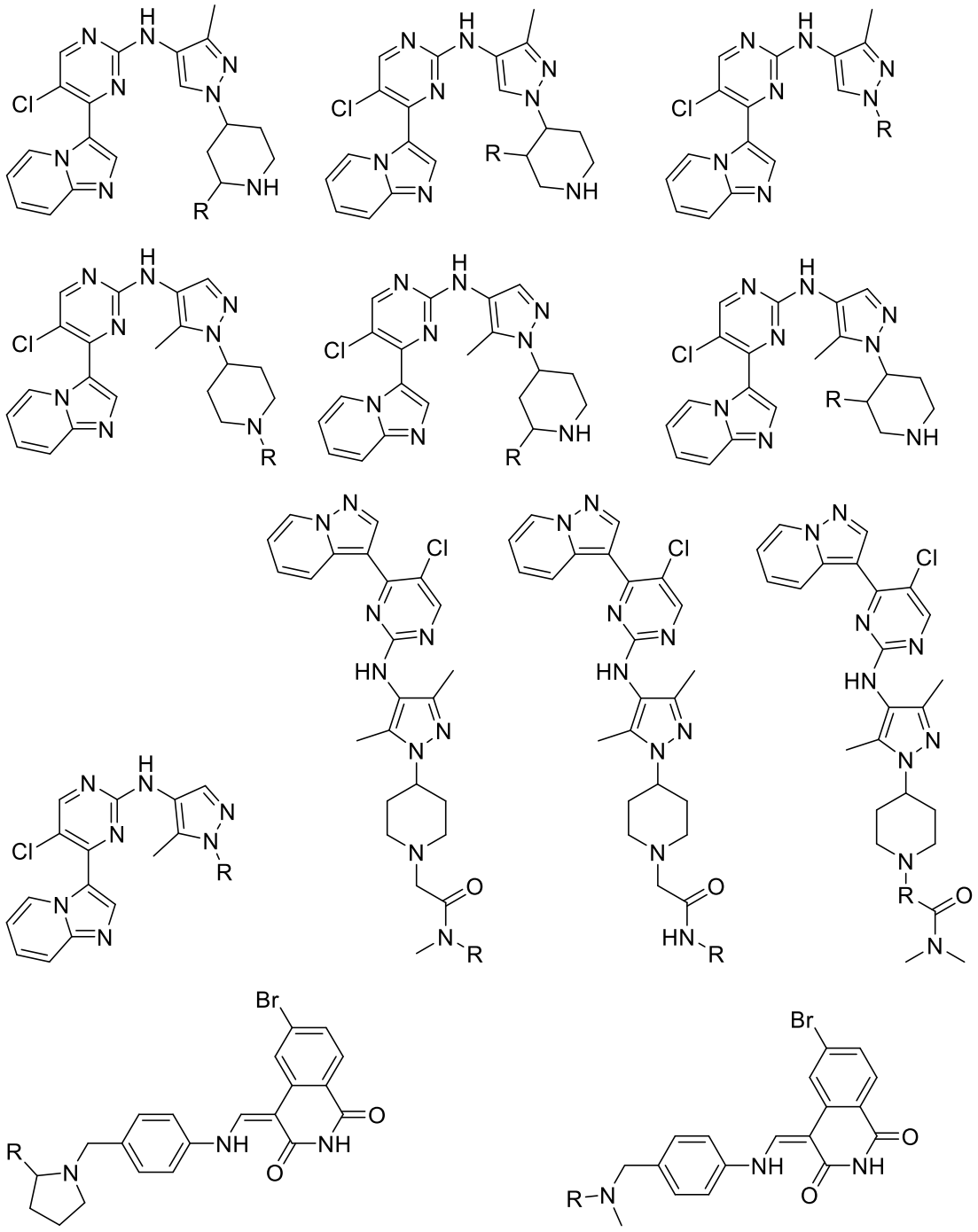


FIG. 8EEEEE



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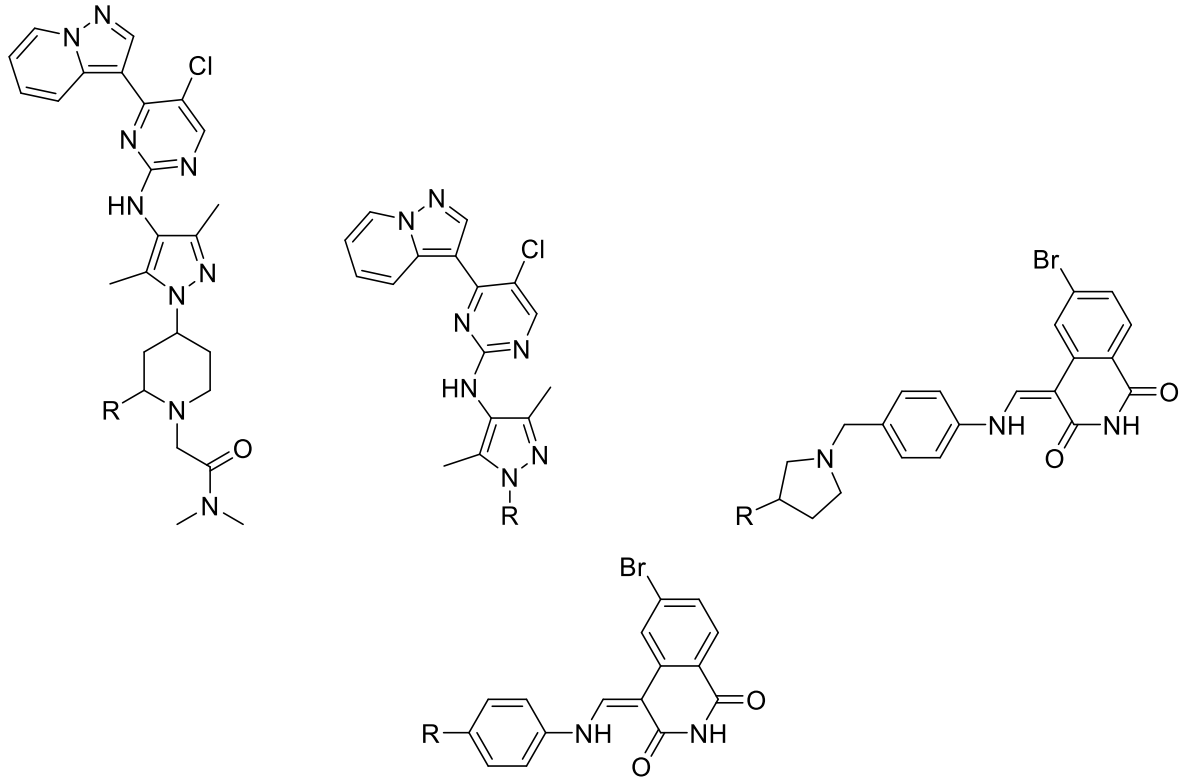


FIG. 8GGGGG

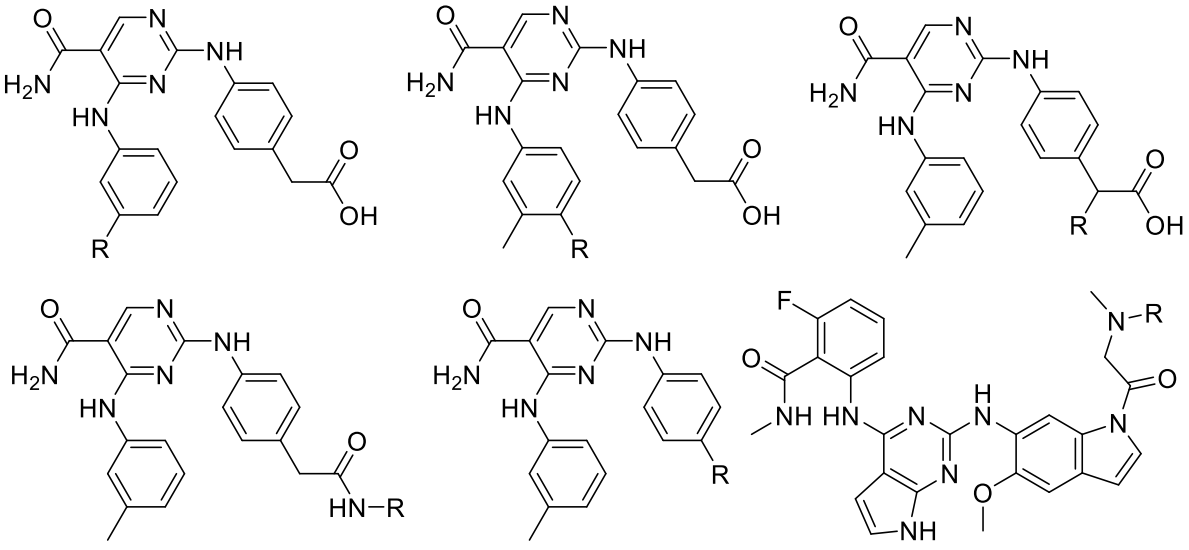


FIG. 8HHHHH

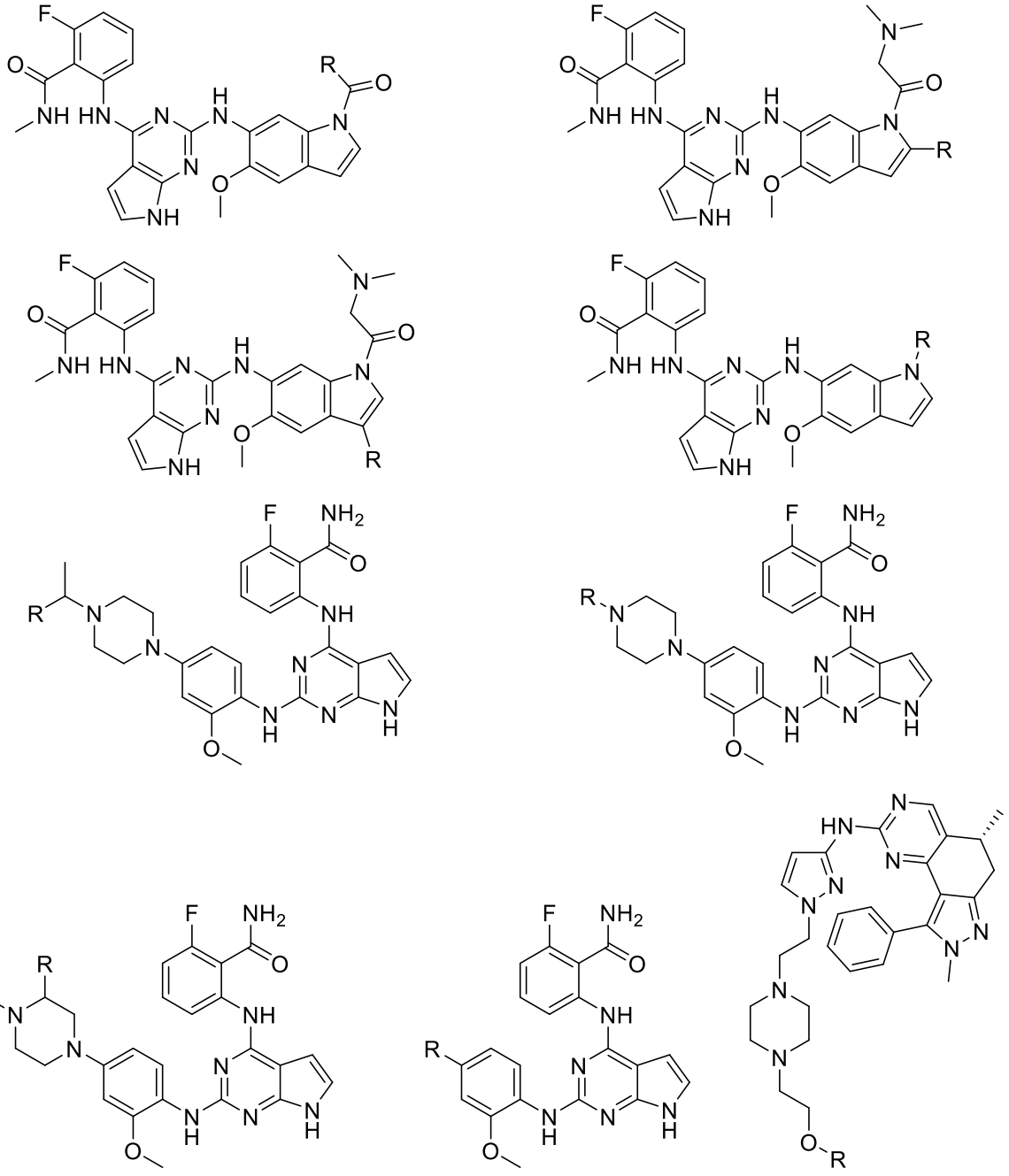


FIG. 8IIIII

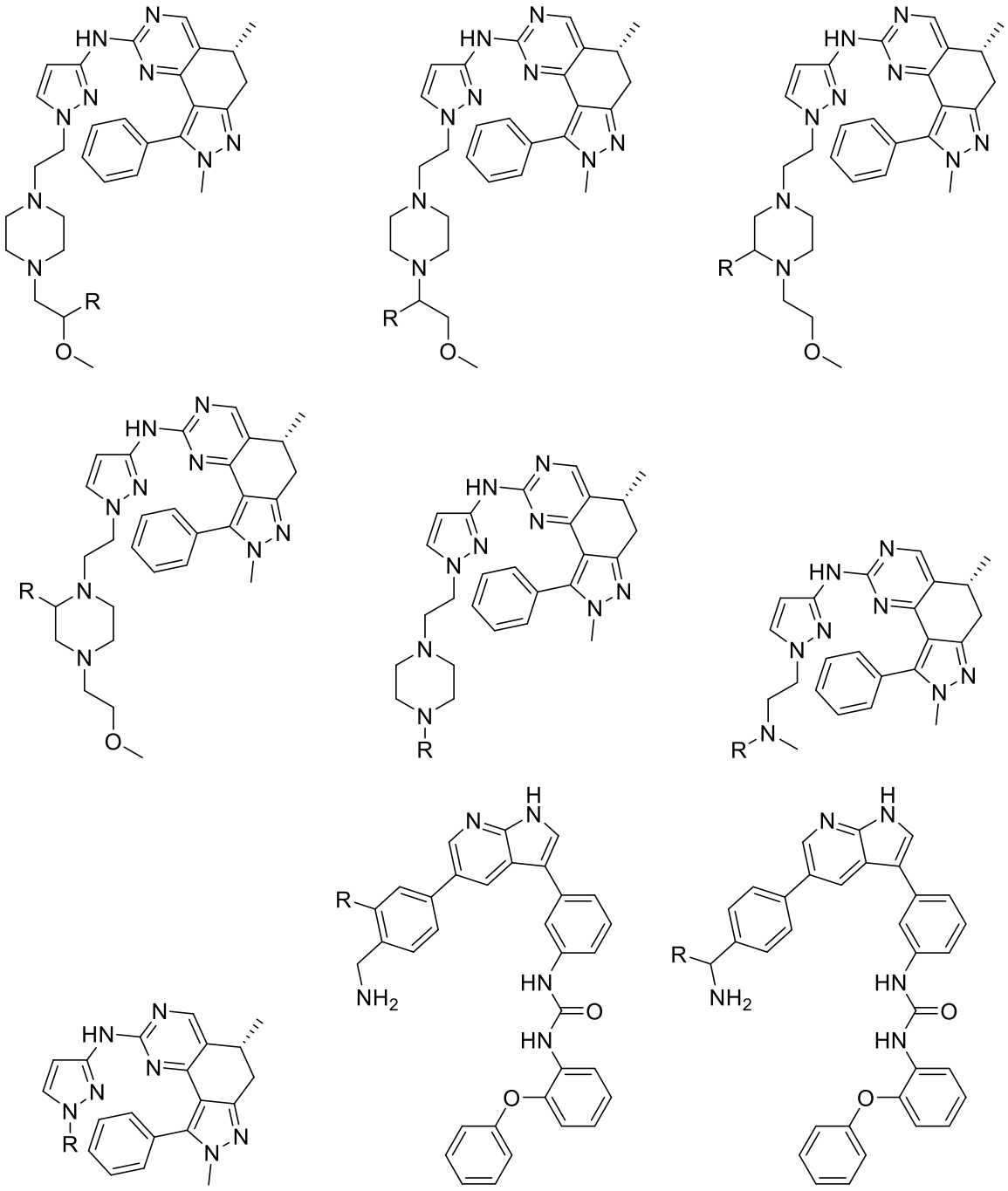


FIG. 8JJJJJ

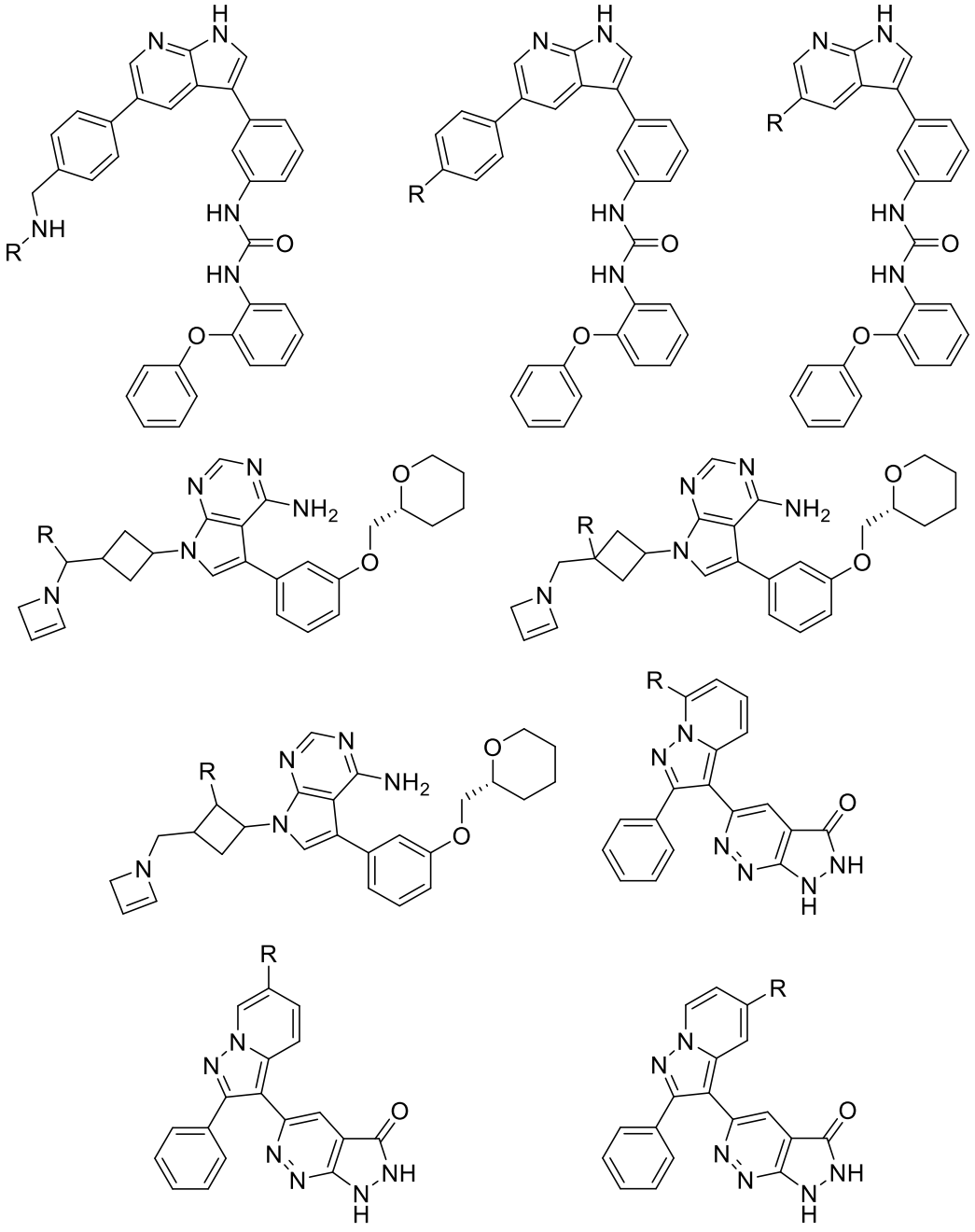
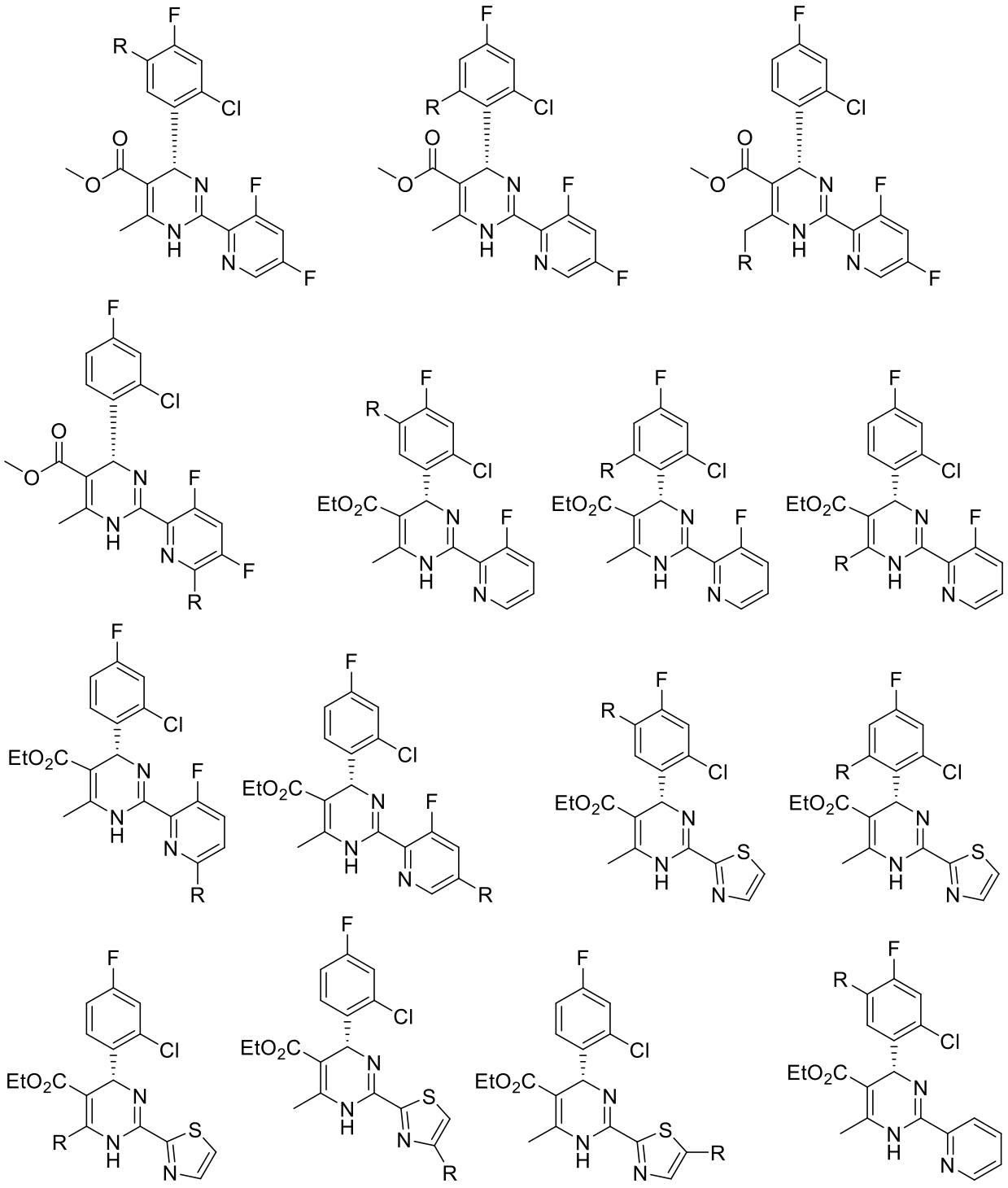


FIG. 8KKKKK



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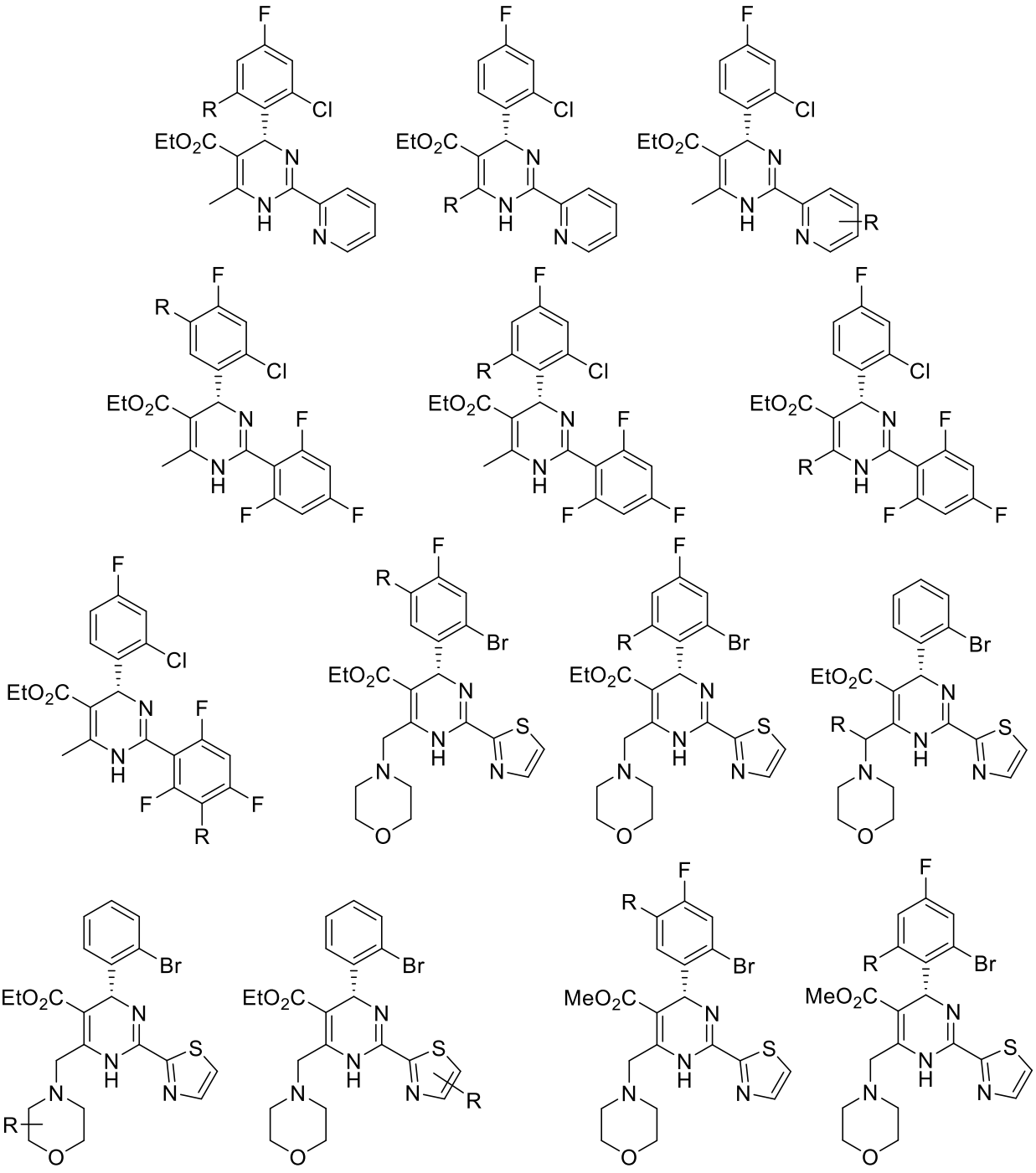


FIG. 8MMMMM

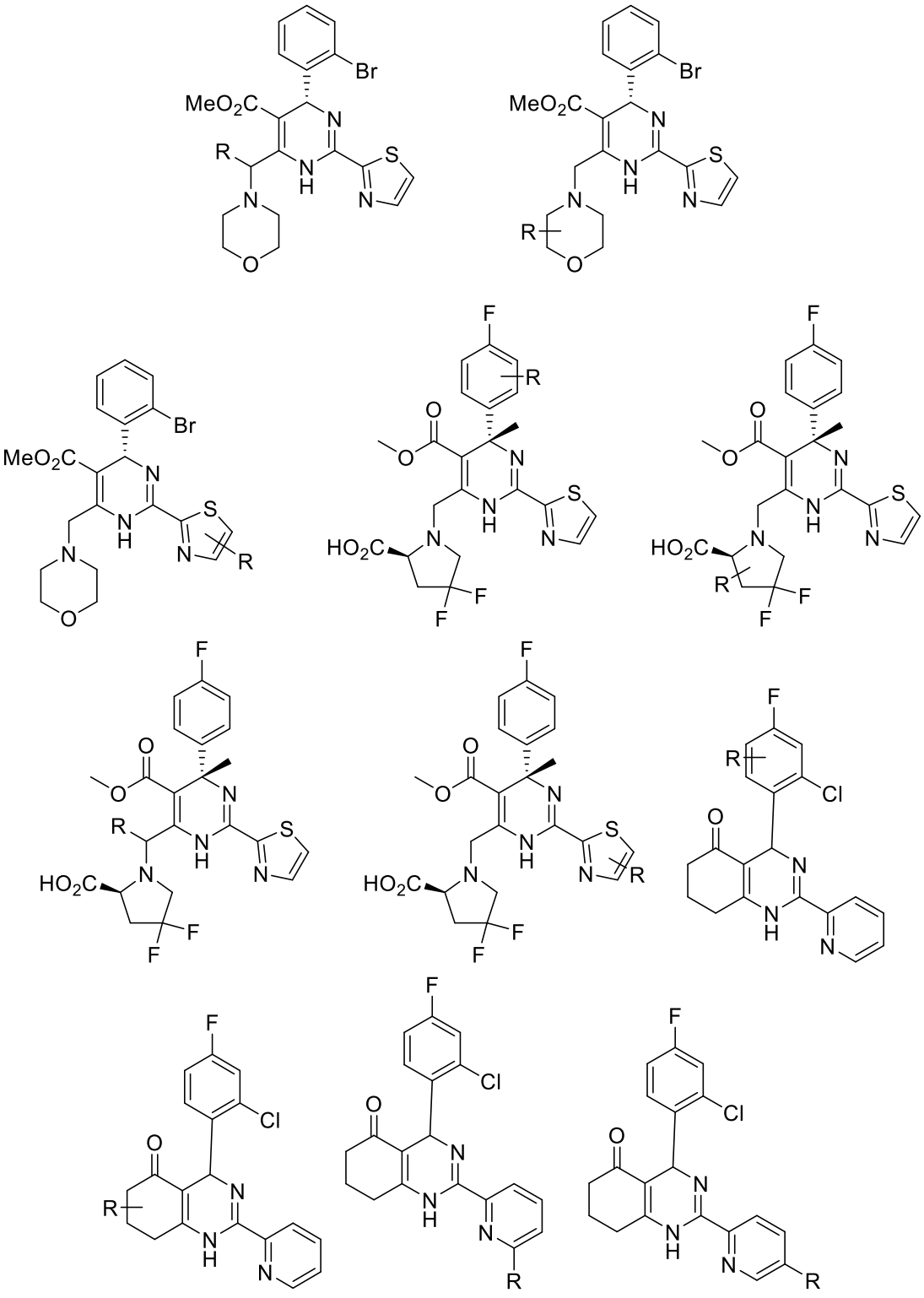


FIG. 8NNNNN

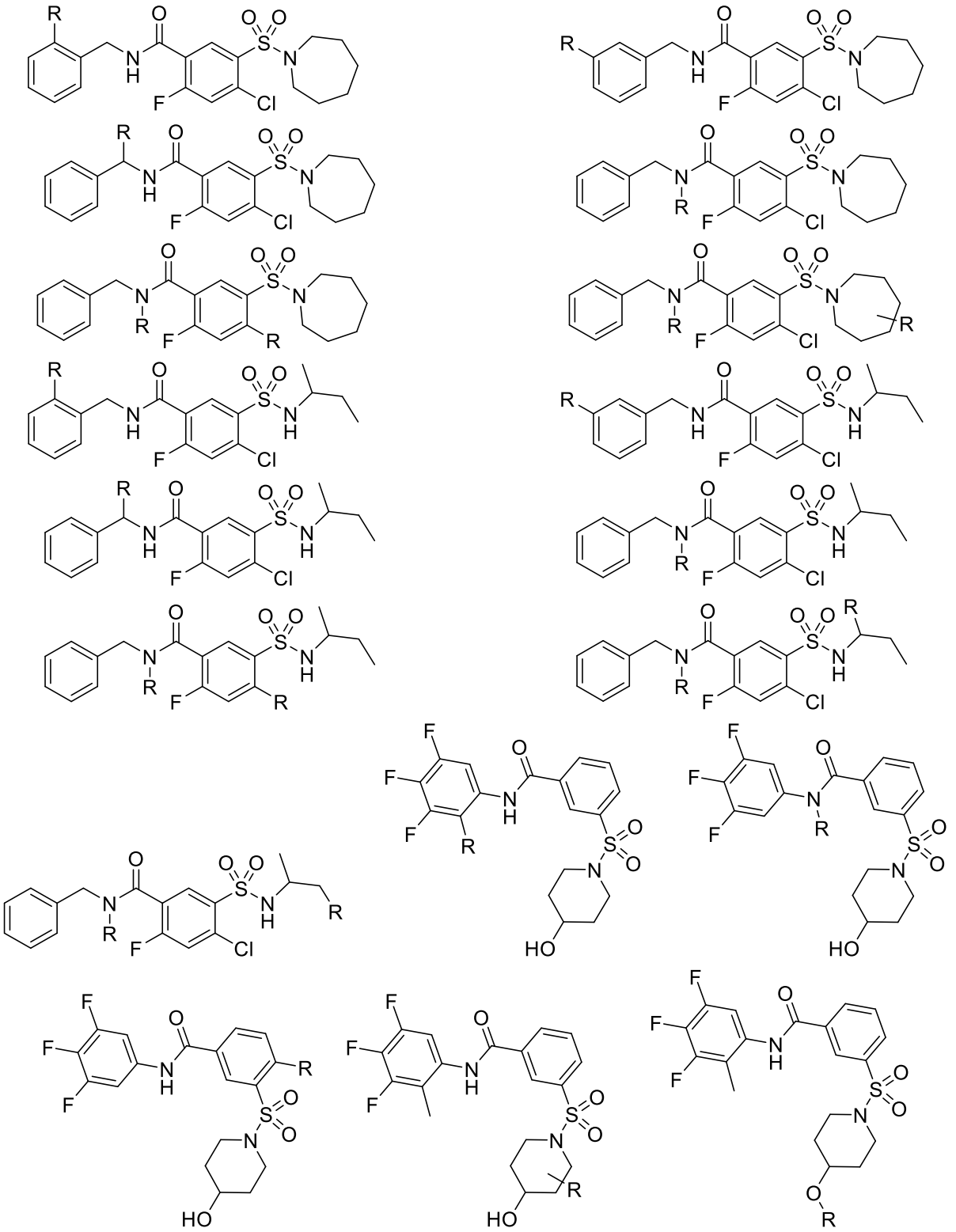


FIG. 8OOOOO

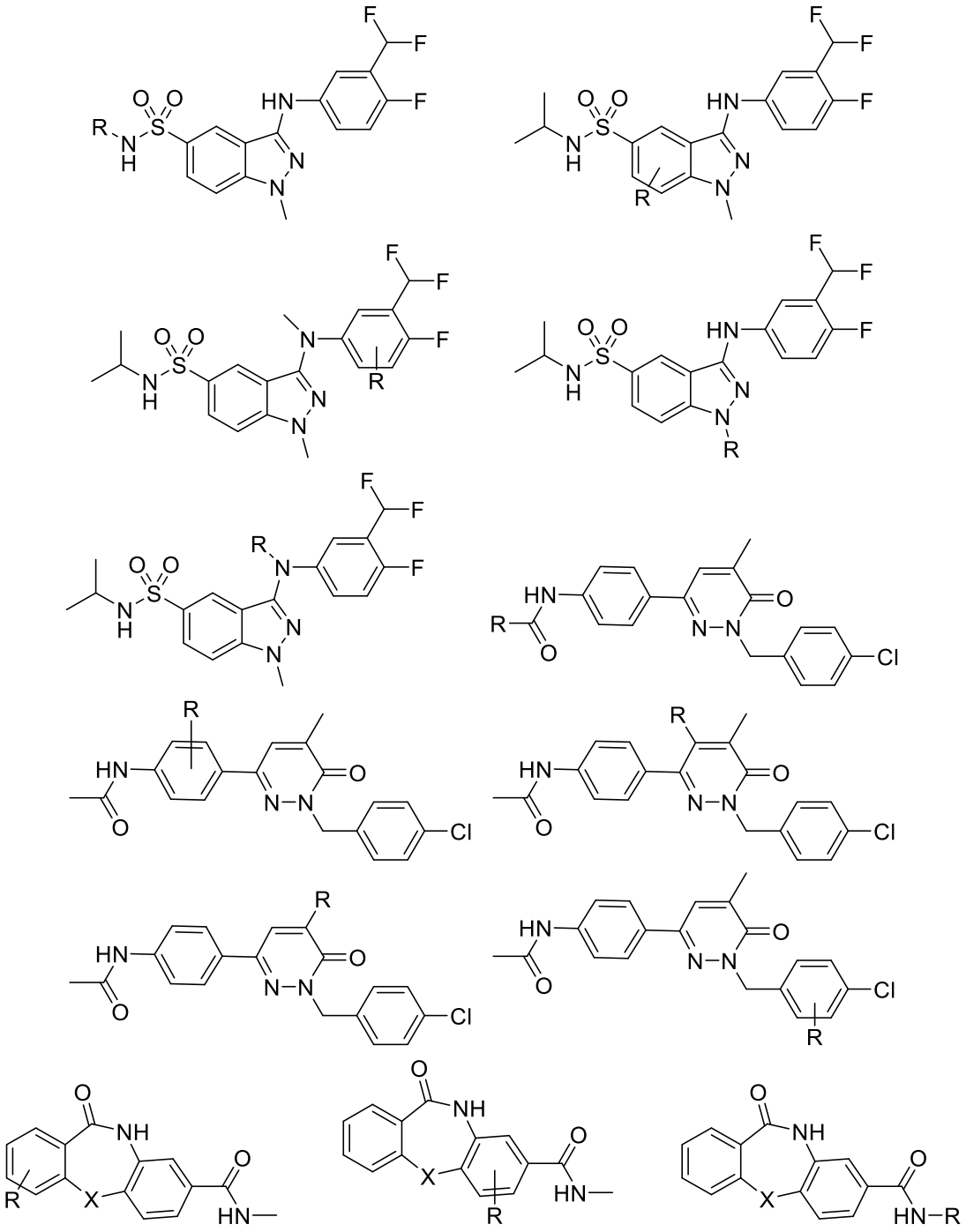


FIG. 8PPPPP

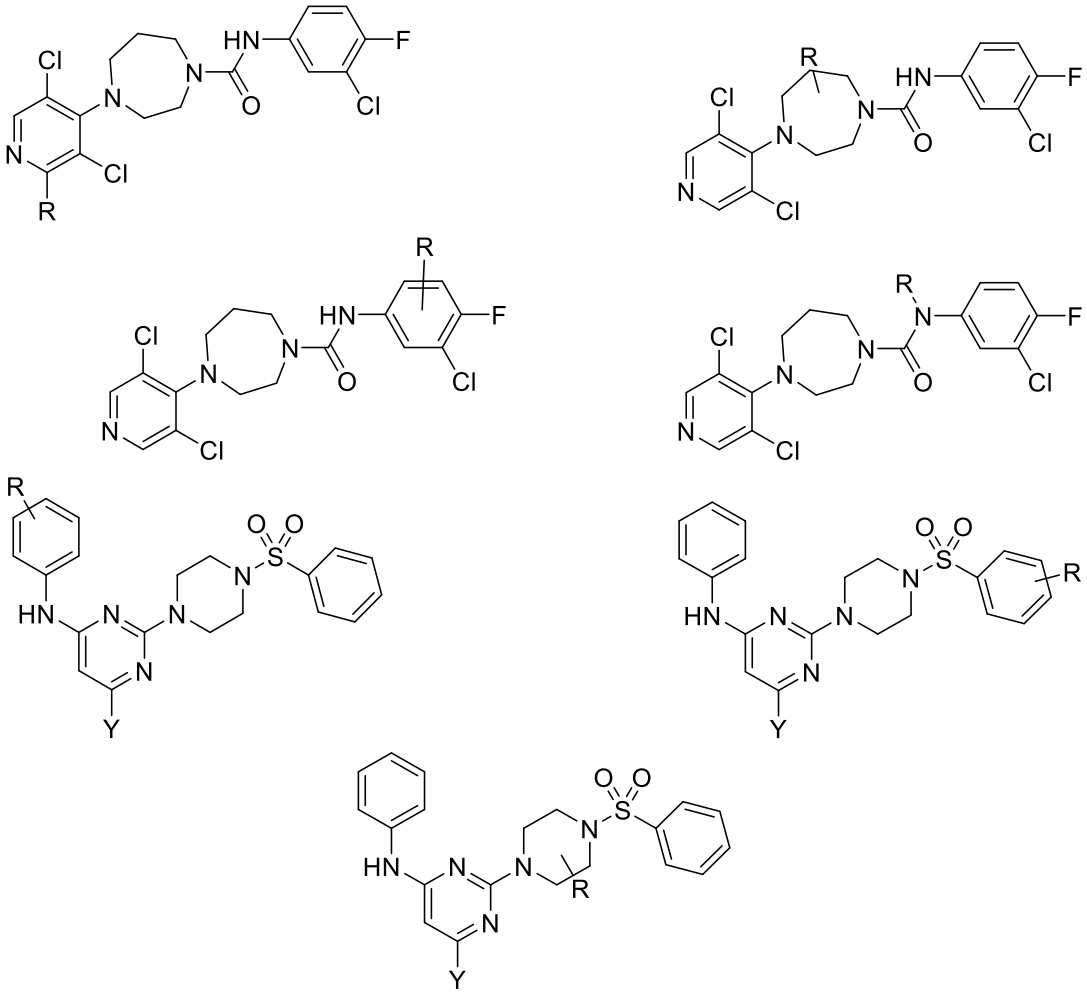
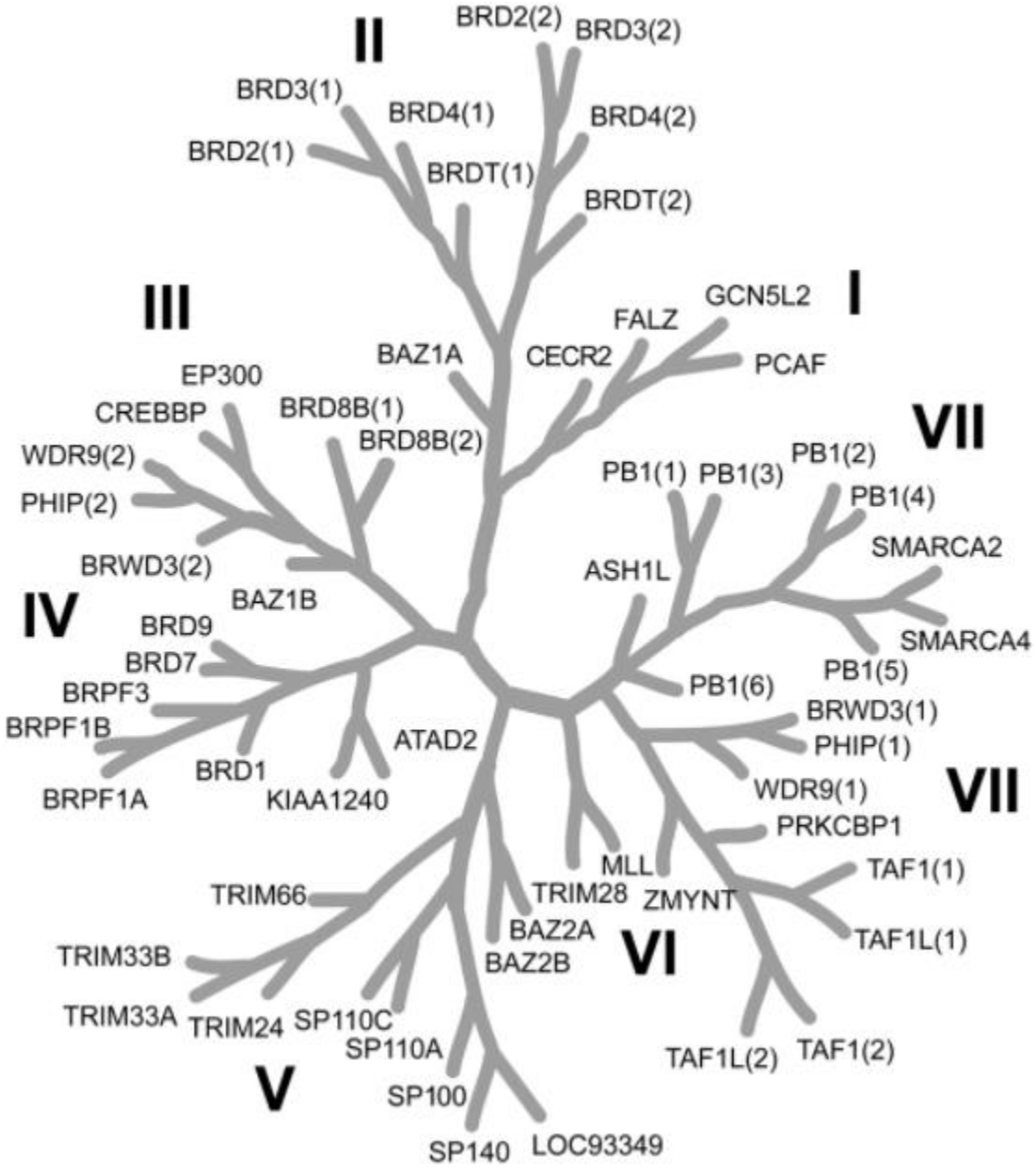


FIG. 9


II
BRD2(2)
BRD3(2)
BRD3(1)
BRD4(1)
BRD4(2)
BRD2(1)
BRDT(1)
BRDT(2)
III
I
GCN5L2
FALZ
BAZ1A
CECR2
PCAF
EP300
CREBBP
BRD8B(1)
BRD8B(2)
VII
WDR9(2)
PHIP(2)
PB1(1)
PB1(3)
PB1(2)
PB1(4)
SMARCA2
BRWD3(2)
ASH1L
BAZ1B
IV
BRD9
BRD7
SMARCA4
PB1(5)
BRPF3
PB1(6)
BRWD3(1)
BRPF1B
PHIP(1)
ATAD2
BRD1
WDR9(1)
VII
BRPF1A
KIAA1240
PRKCBP1
MLL
TAF1(1)
TRIM66
TRIM28
ZMYNT
BAZ2A
TAF1L(1)
TRIM33B
VI
BAZ2B
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SP110A
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V
SP100
SP140
LOC93349

FIG. 10A

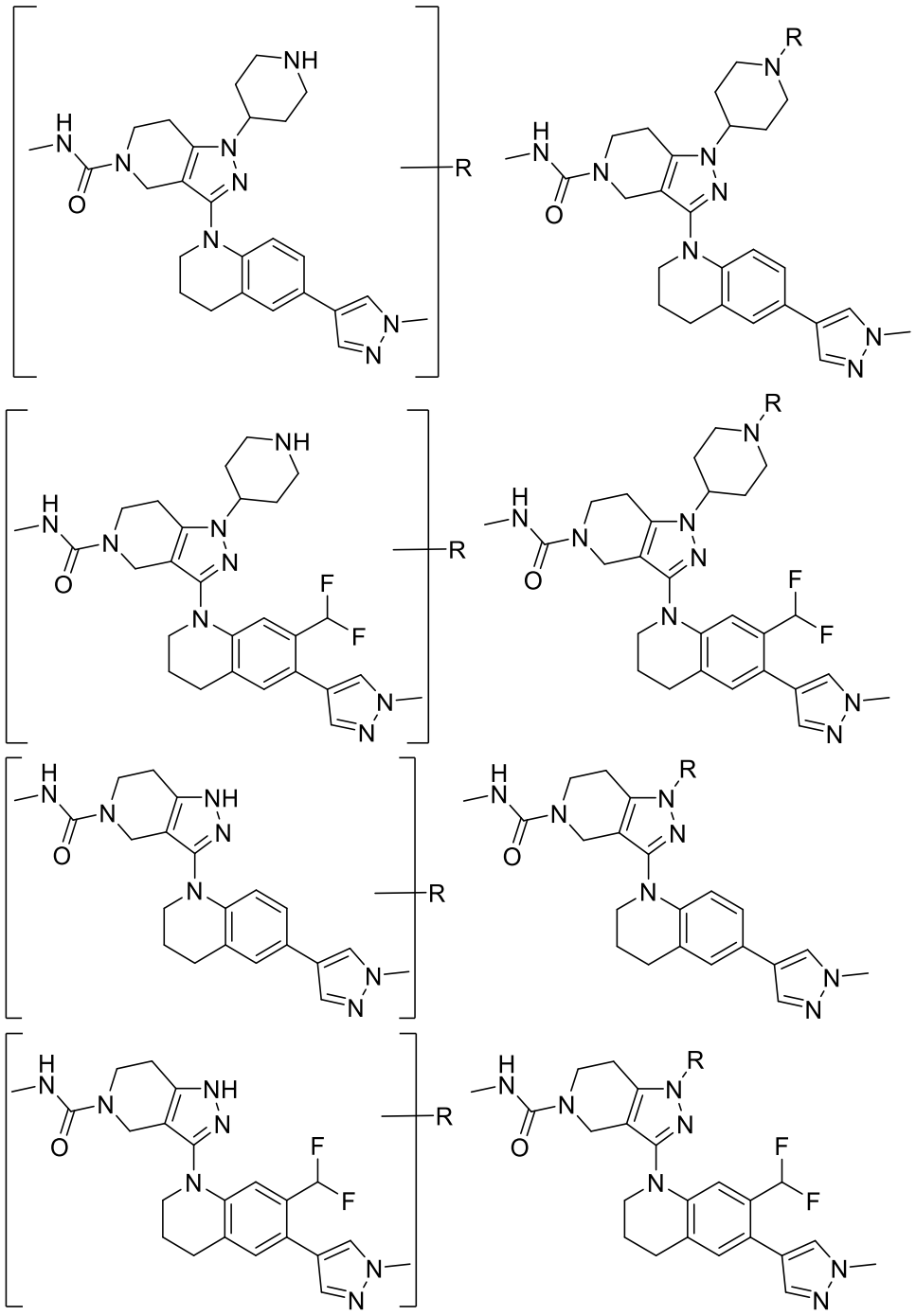


FIG. 10B

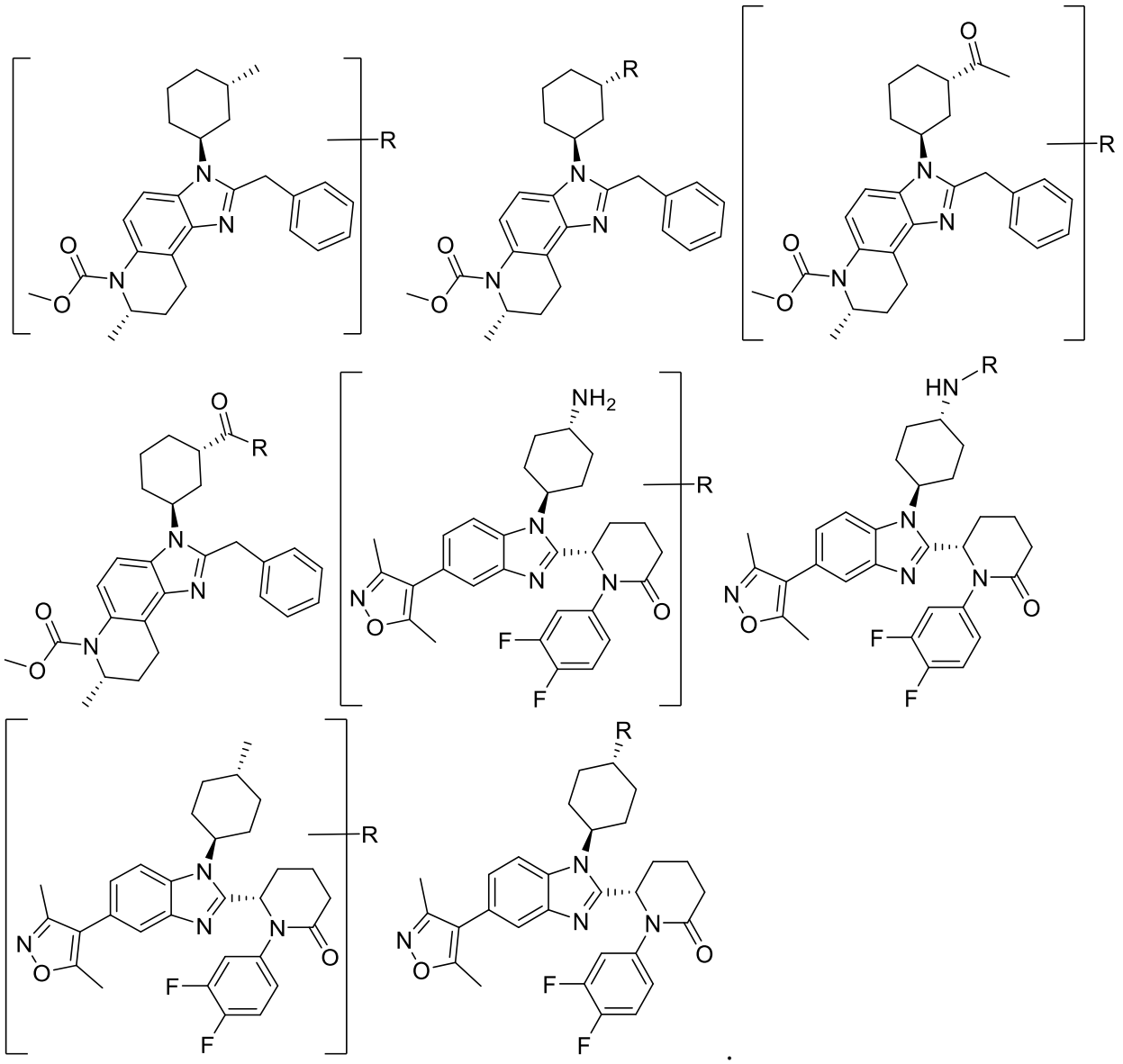


FIG. 11A

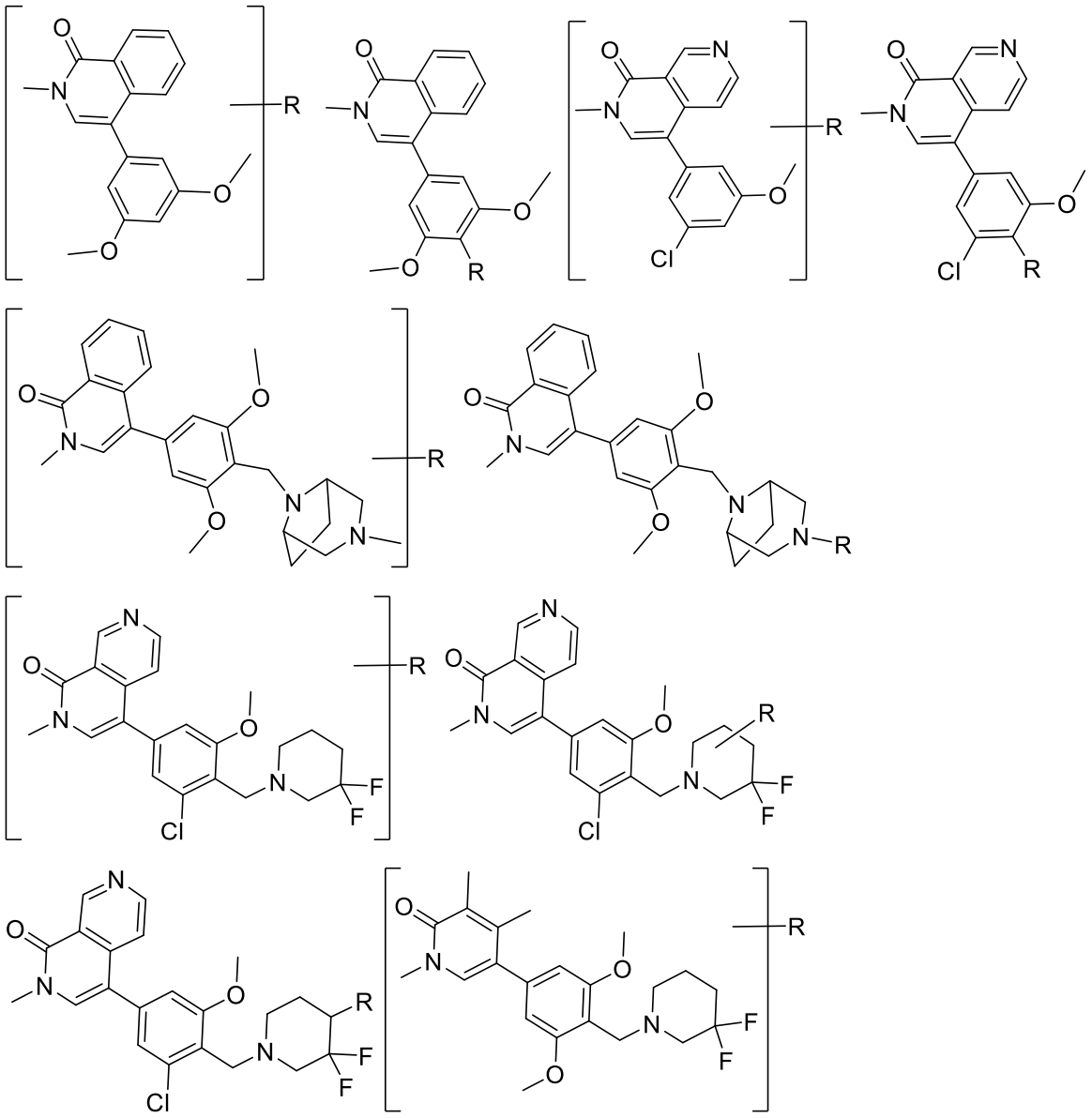


FIG. 11B

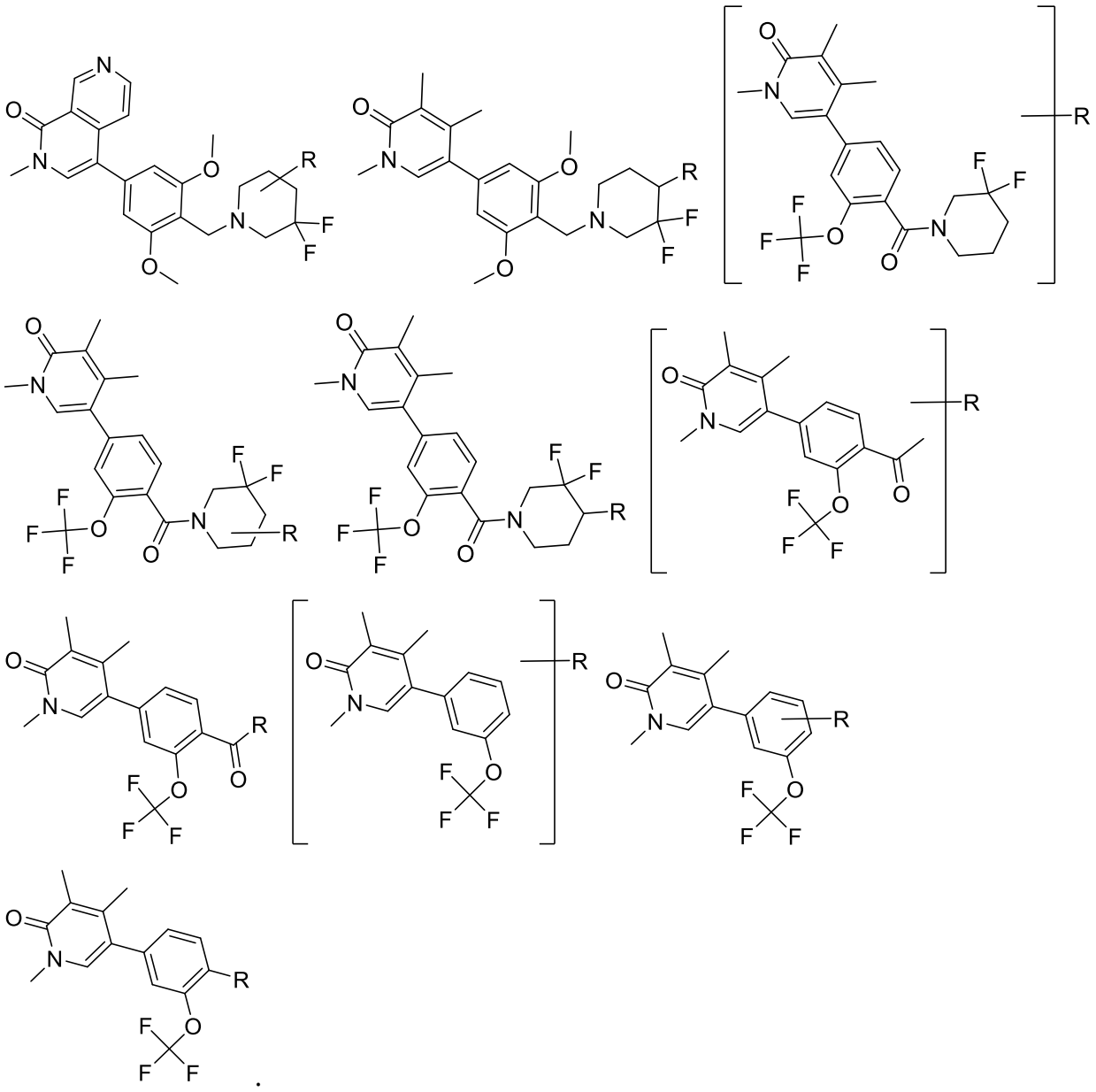


FIG. 12A

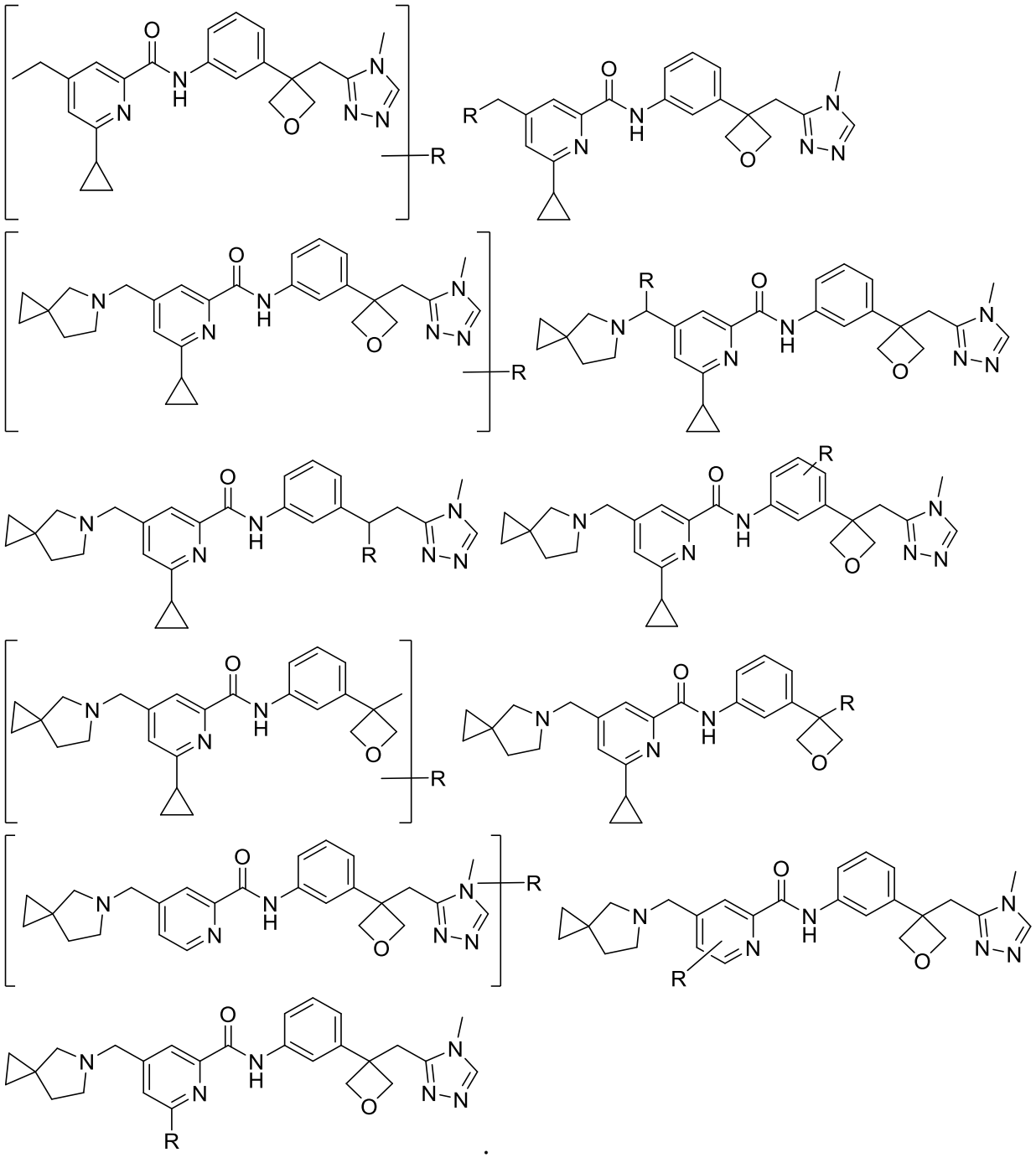


FIG. 12B

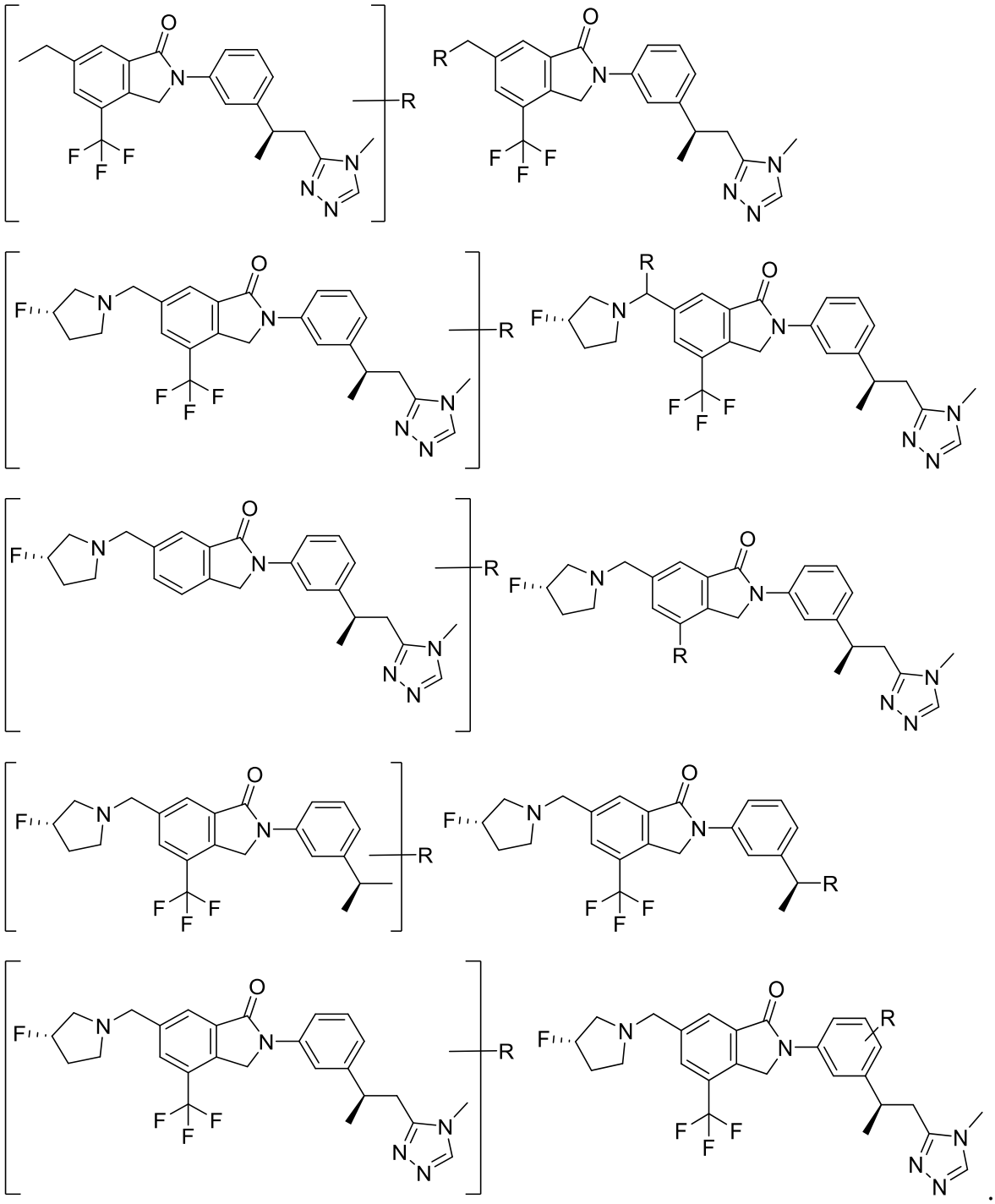


FIG. 12C

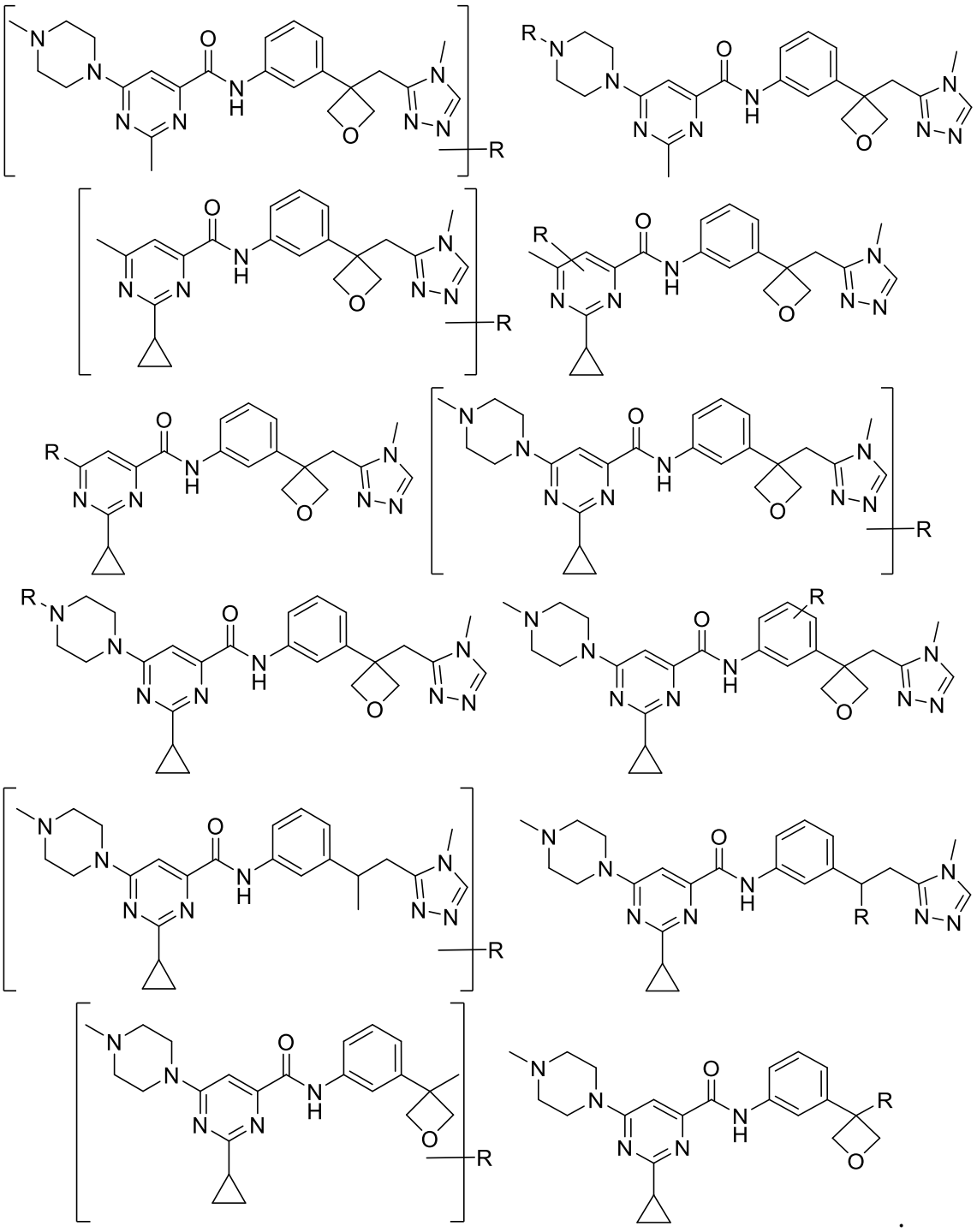


FIG. 13

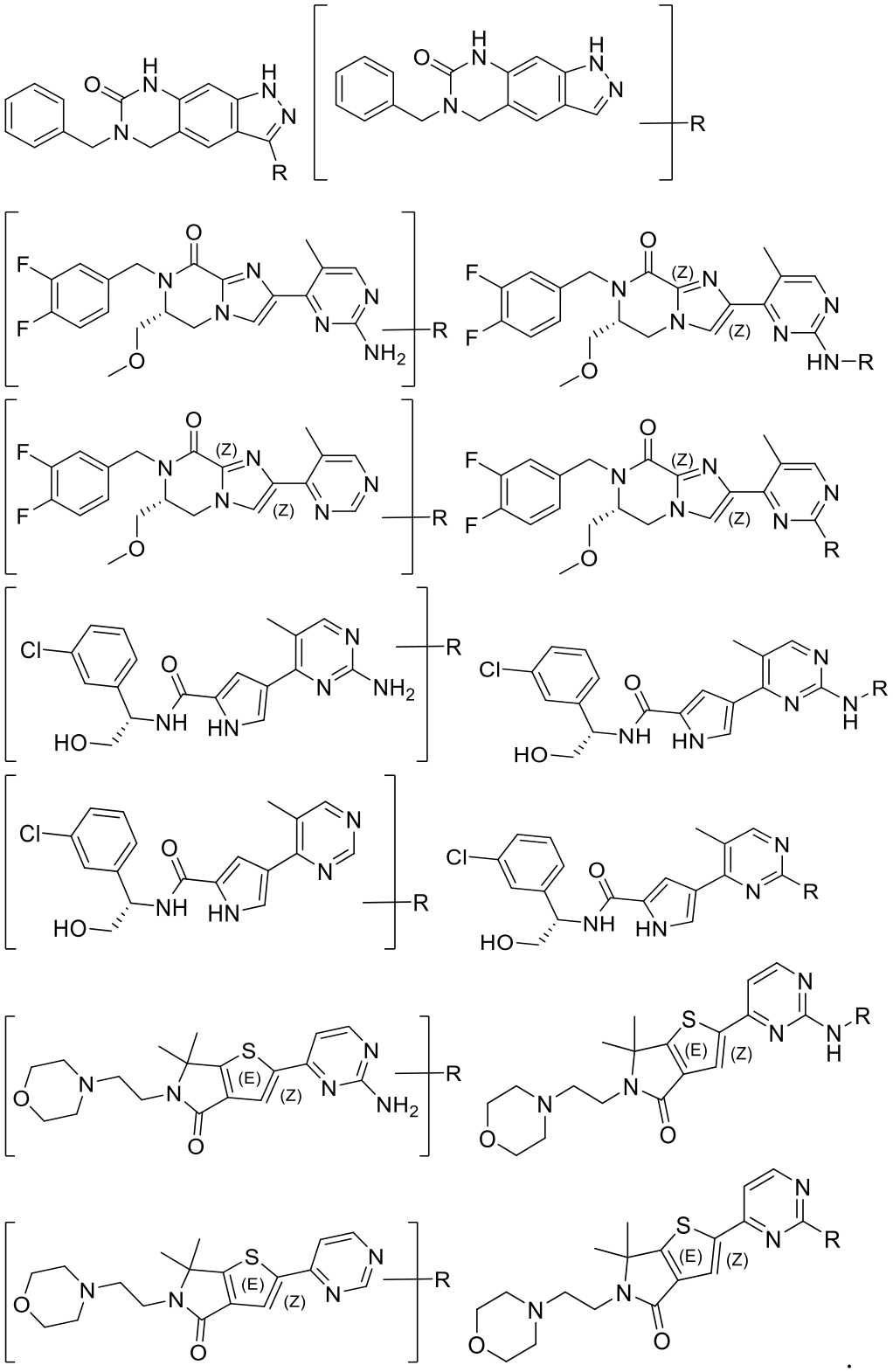


FIG. 14A

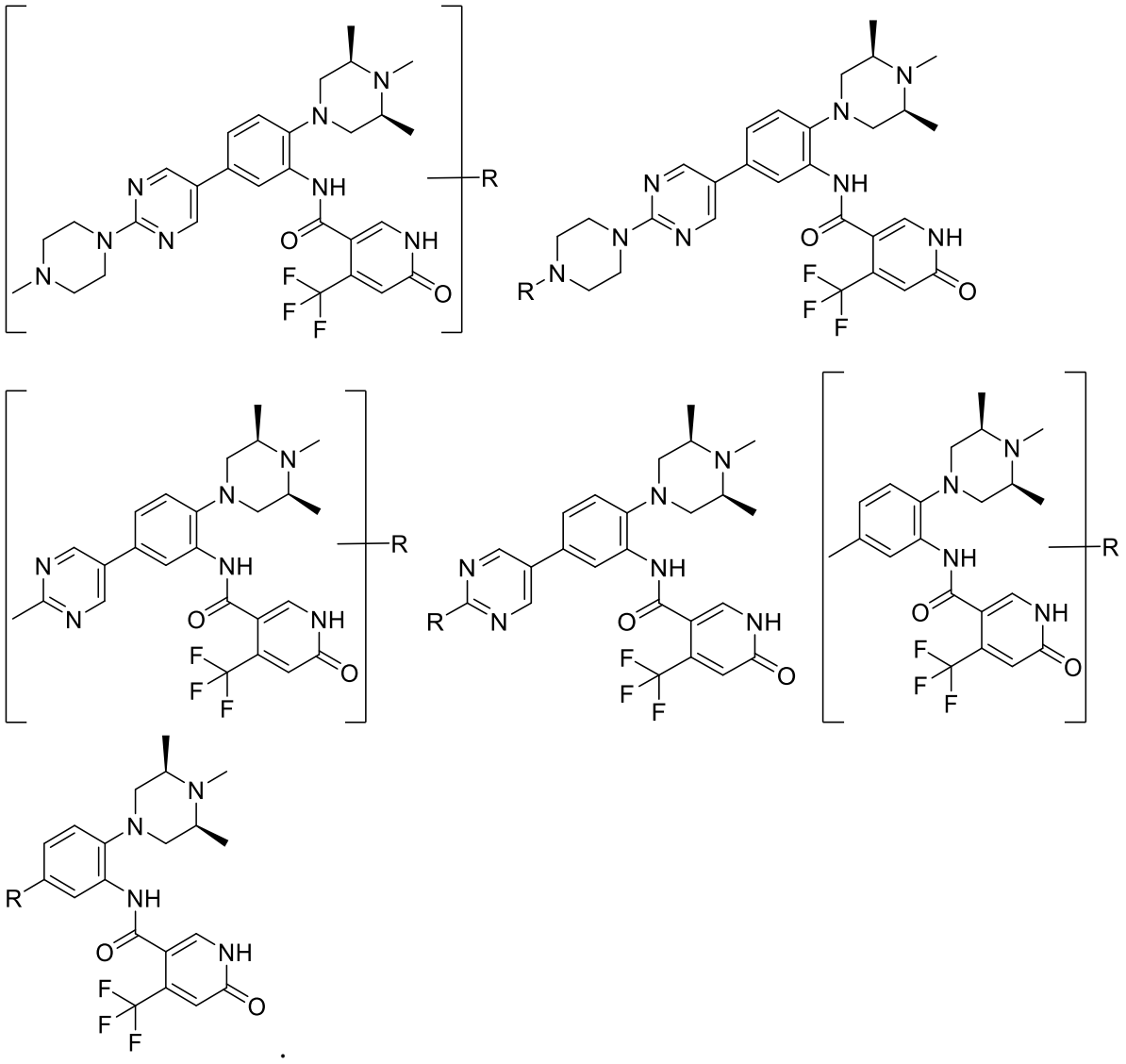


FIG. 14B

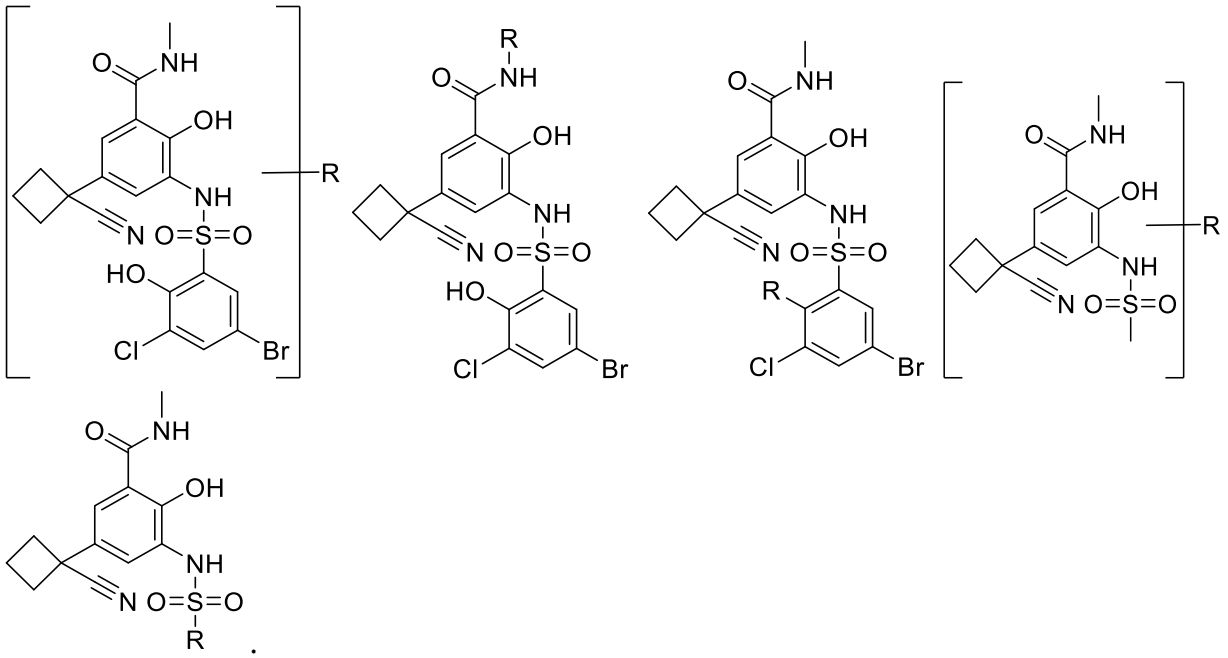


FIG. 14C

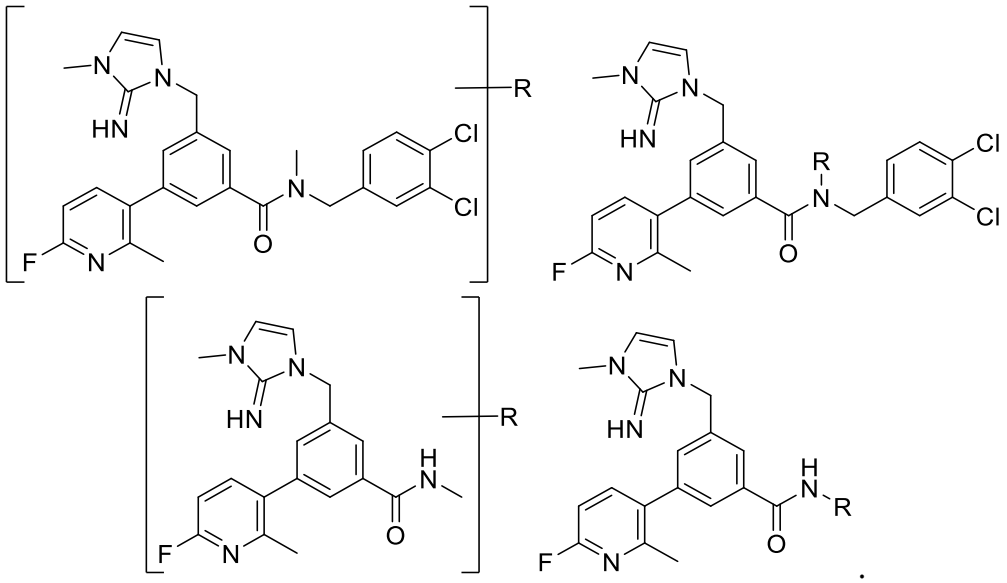
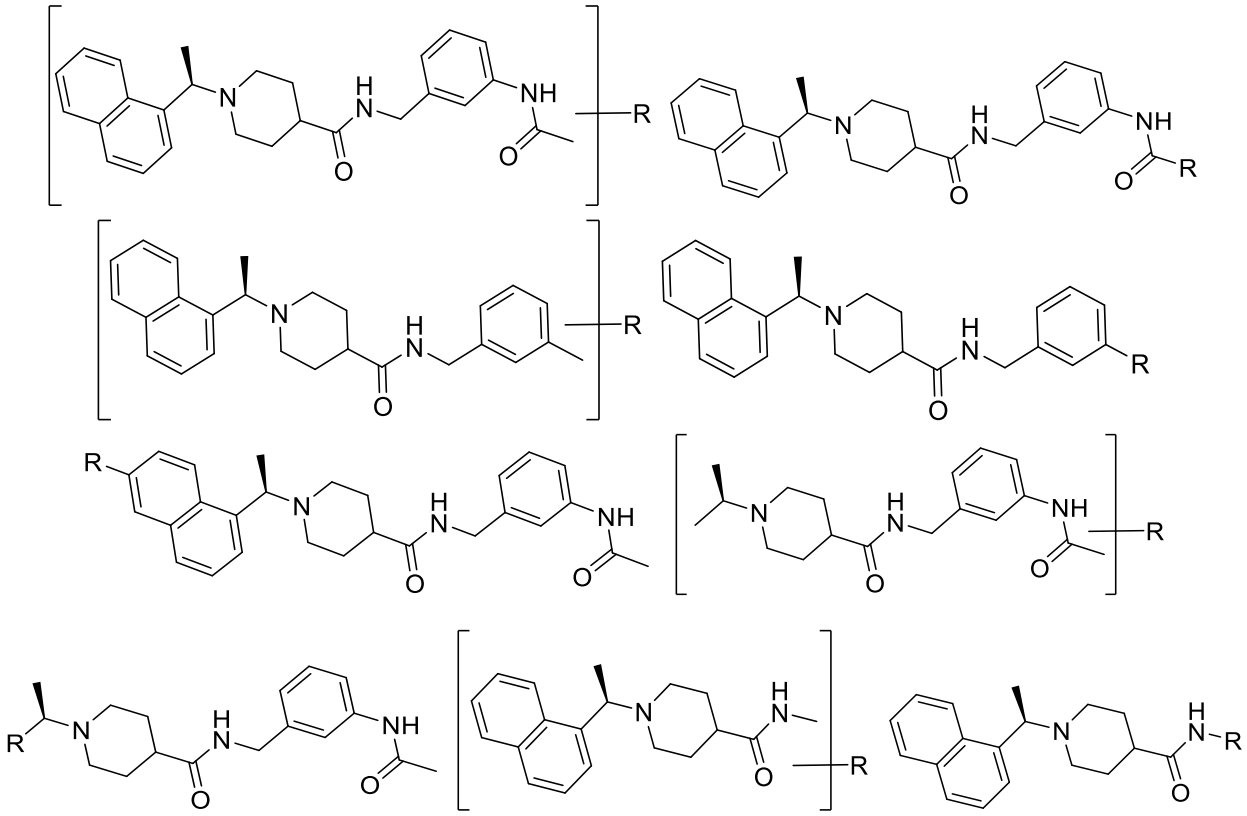


FIG. 15



.

FIG. 16

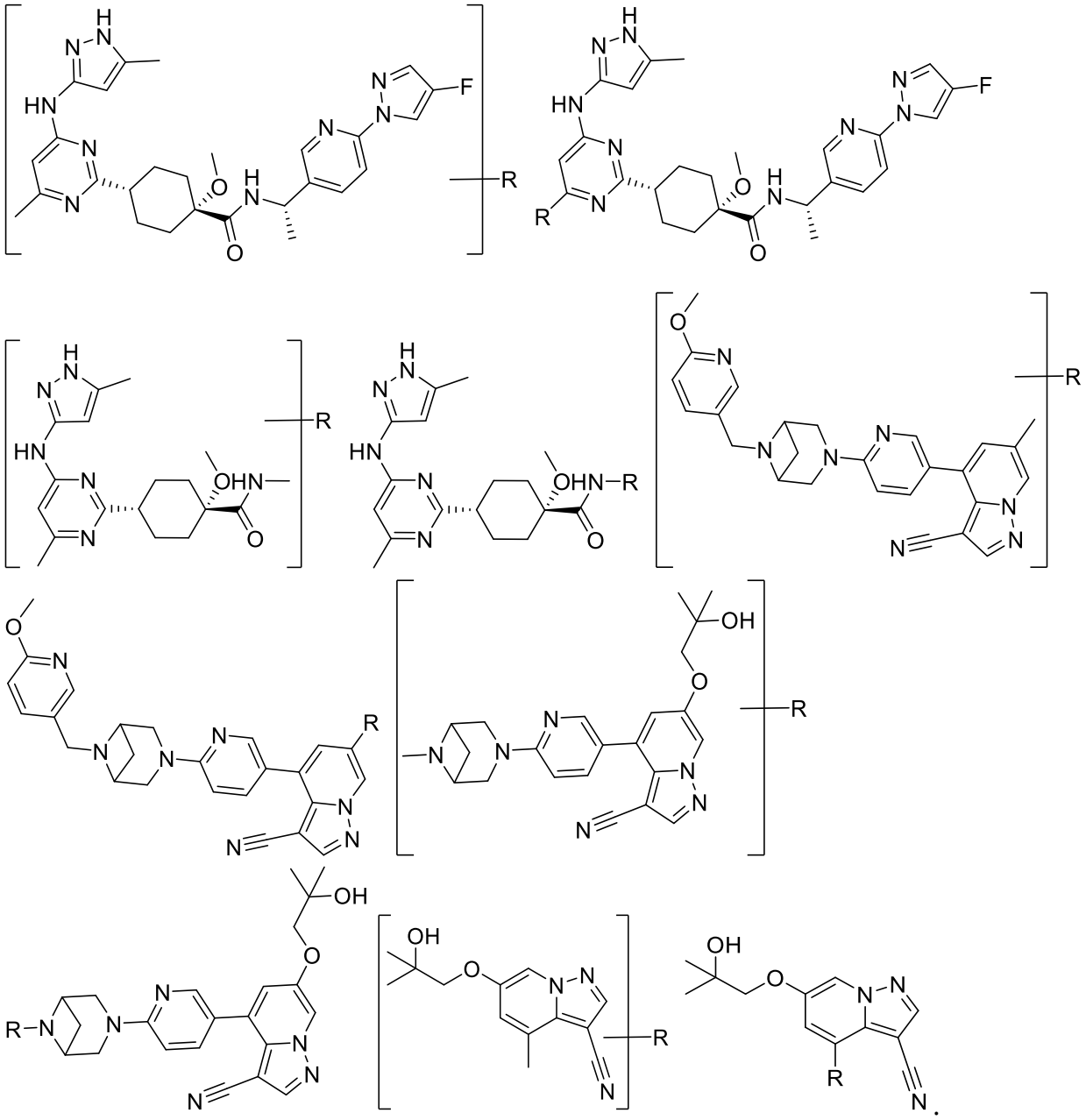


FIG. 17A

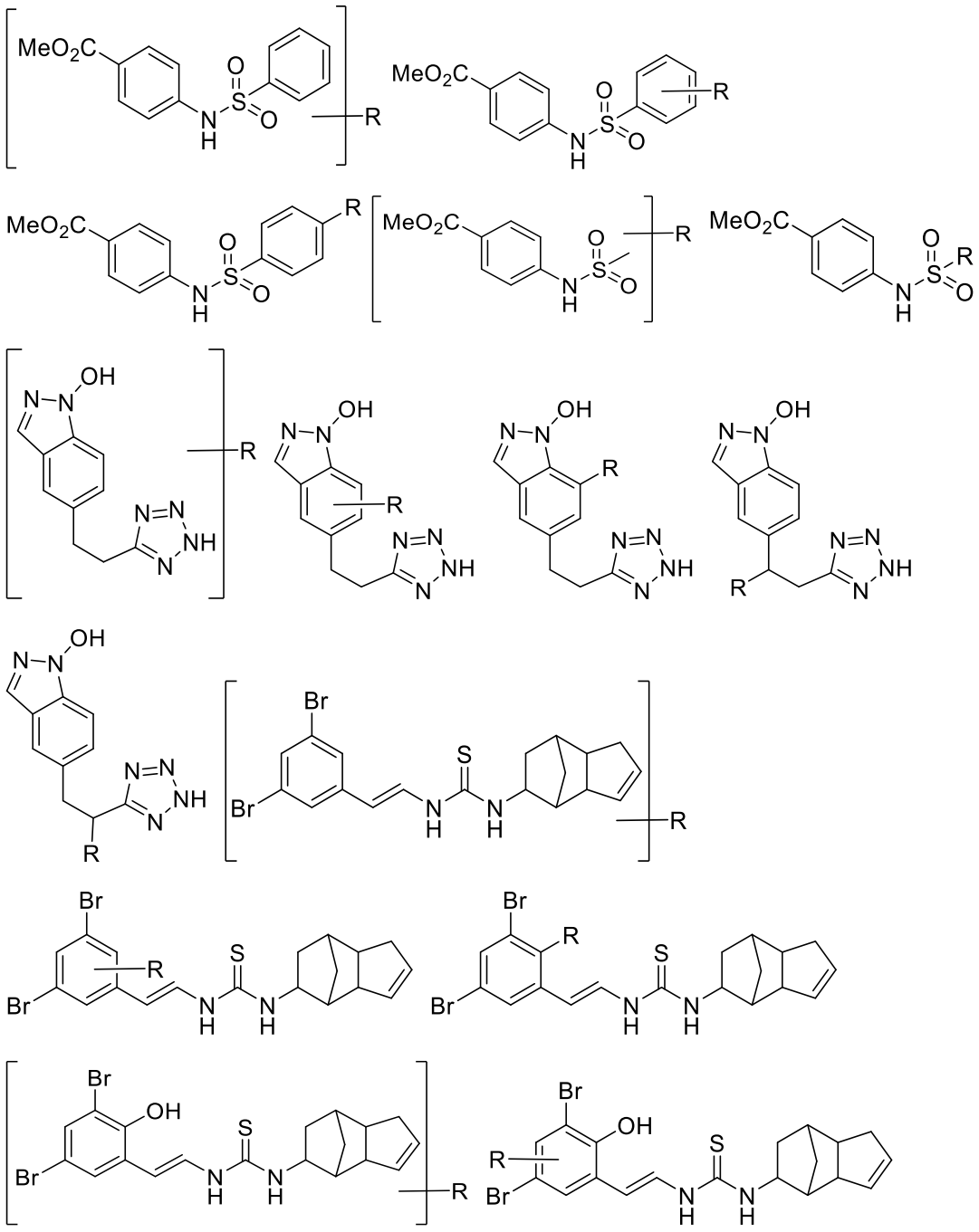


FIG. 17B

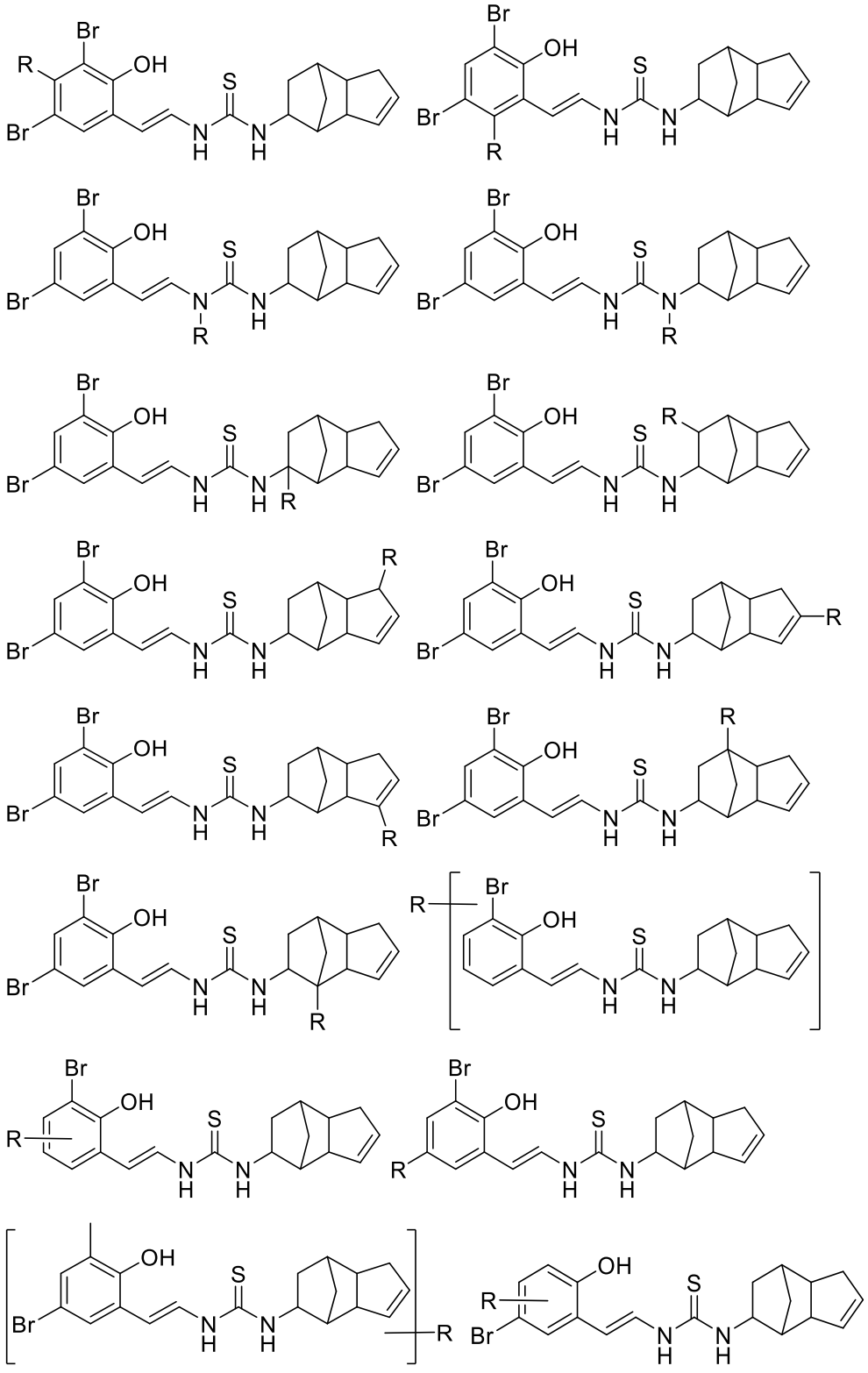


FIG. 17C

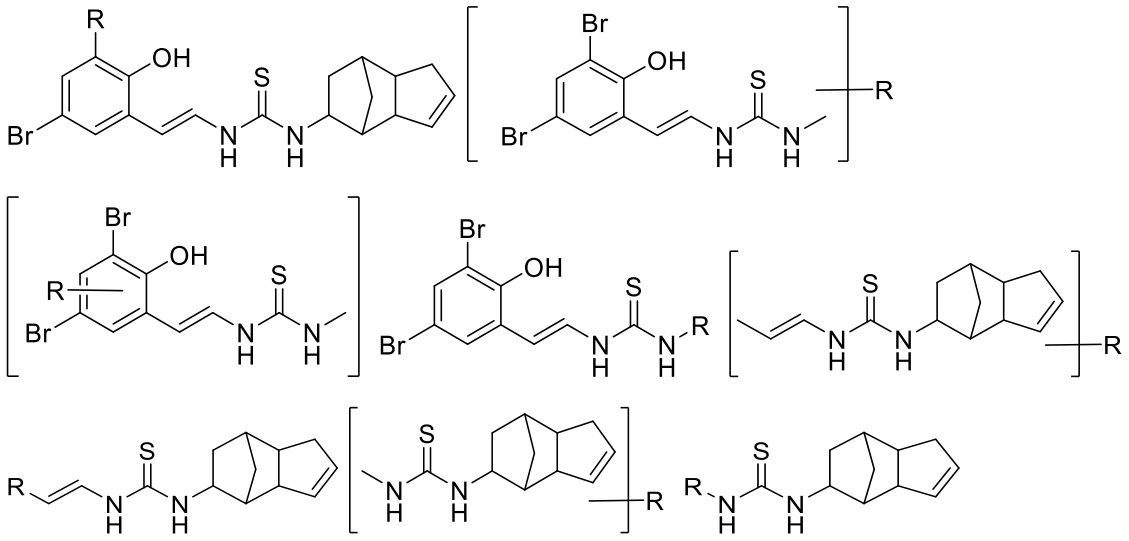


FIG. 18A

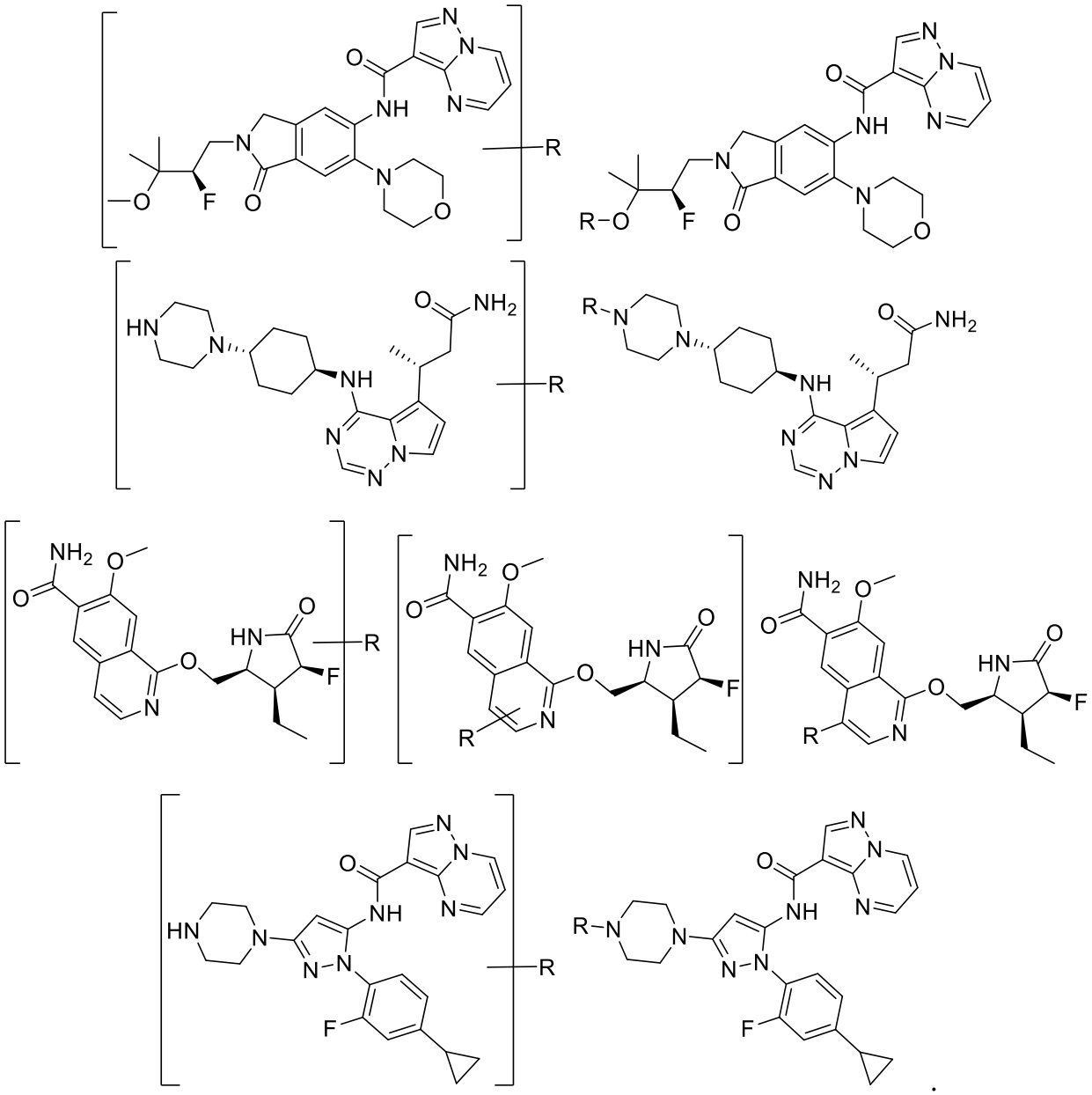


FIG. 18B

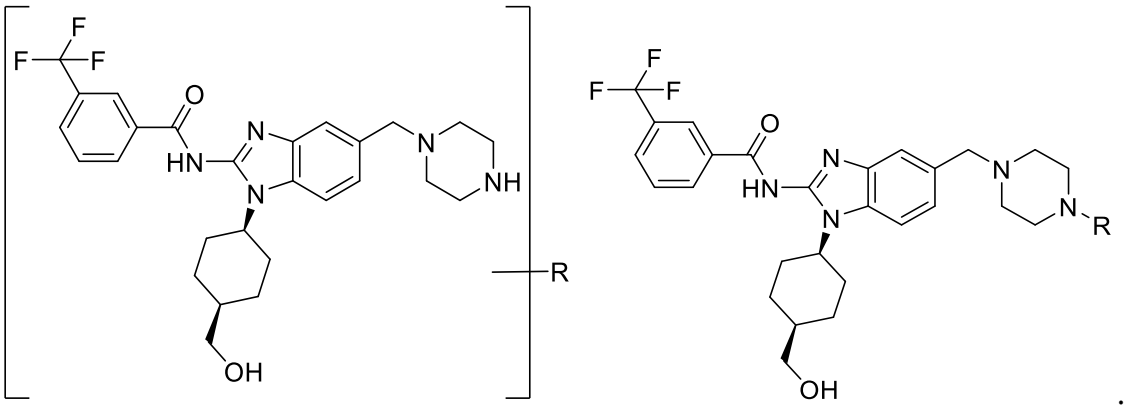


FIG. 18C

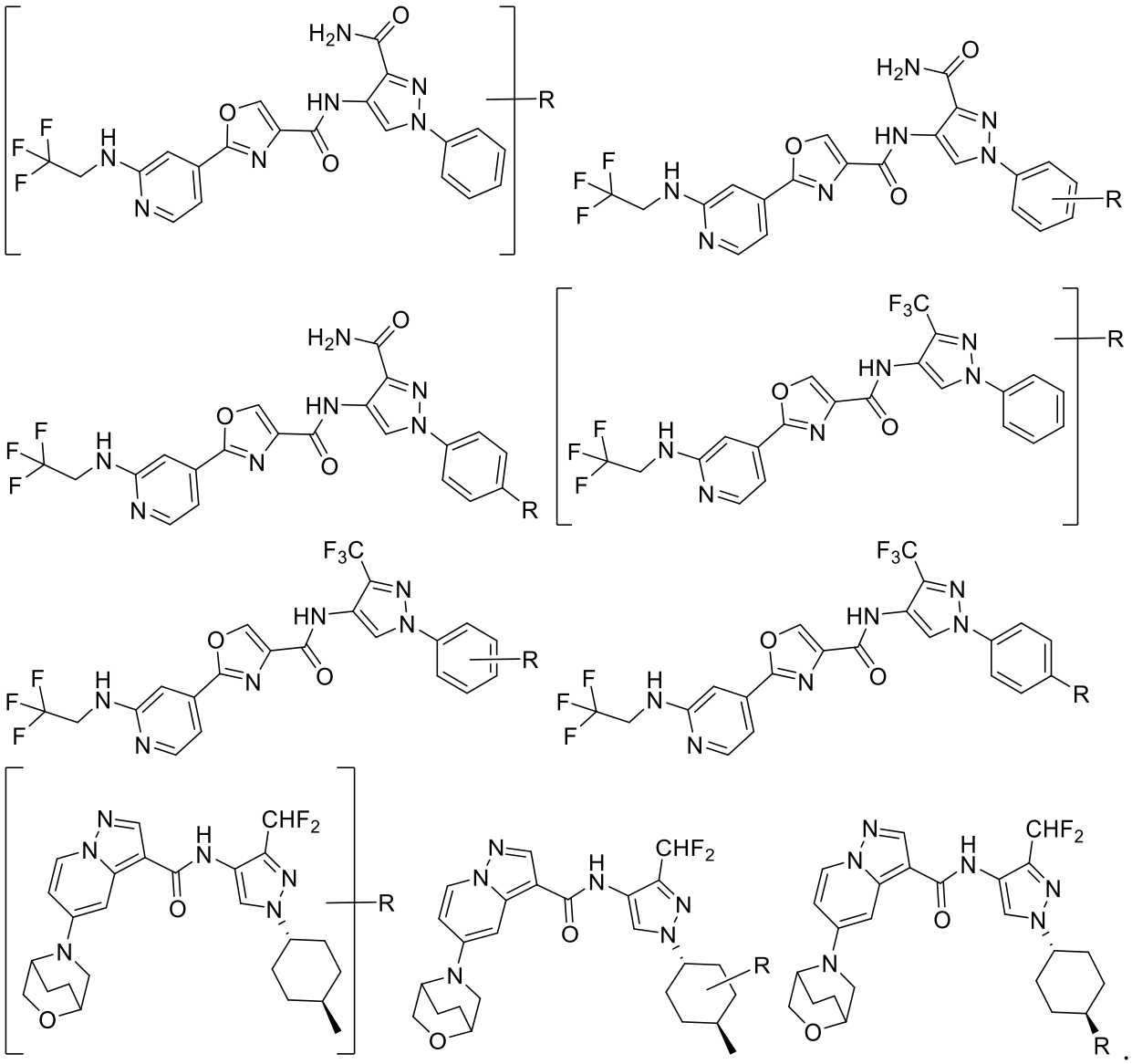


FIG. 19A

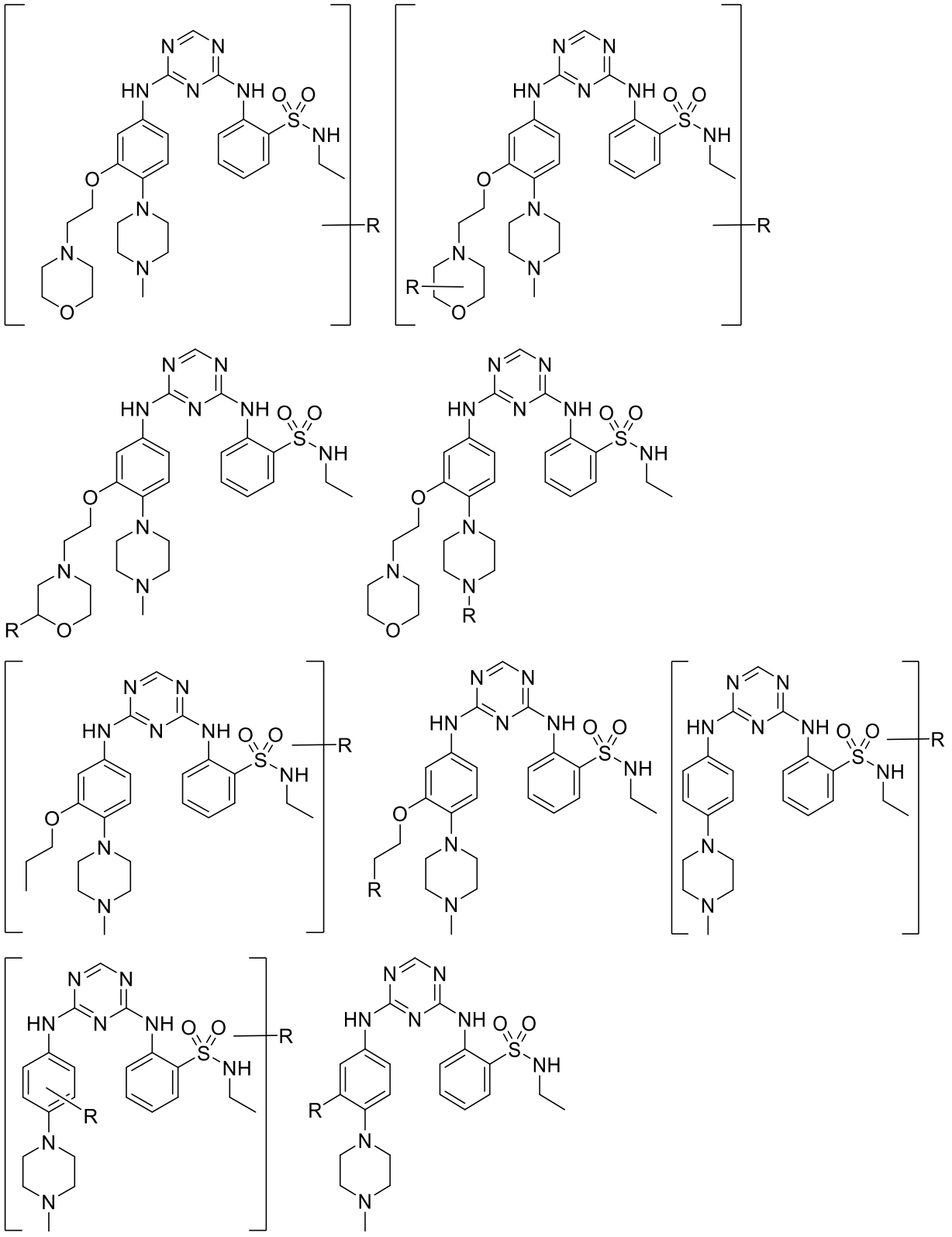


FIG. 19B

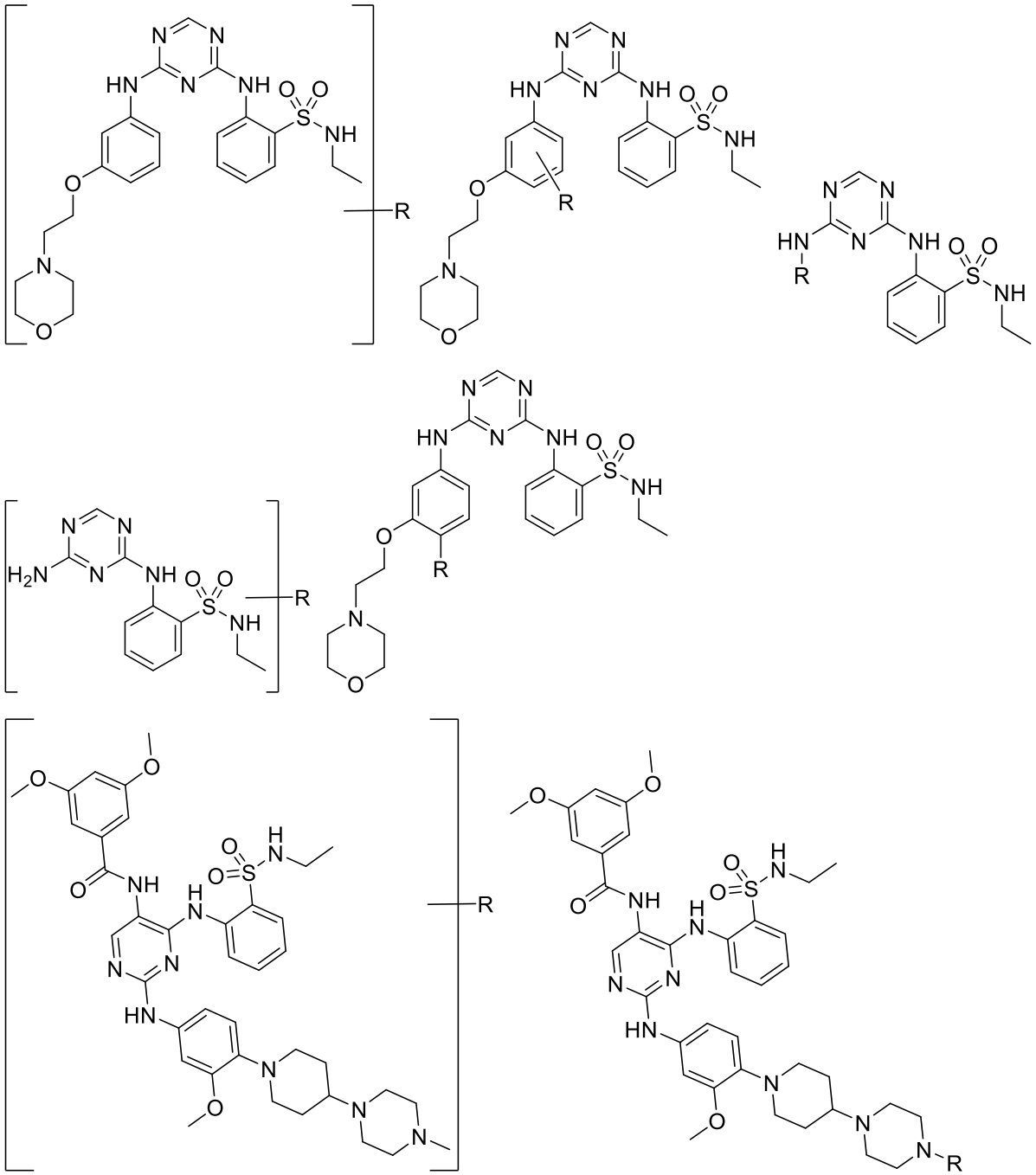


FIG. 19C

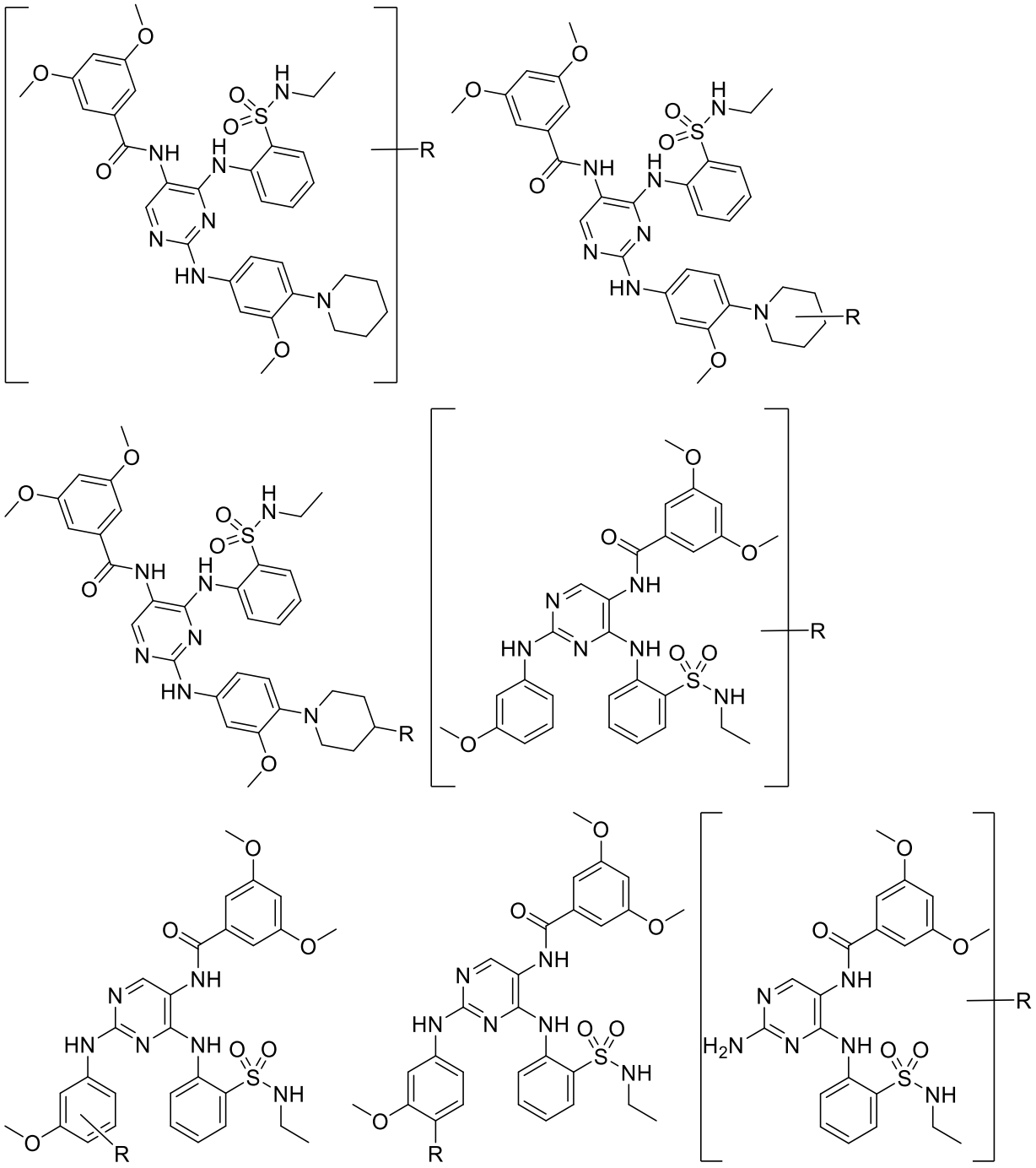


FIG. 19D

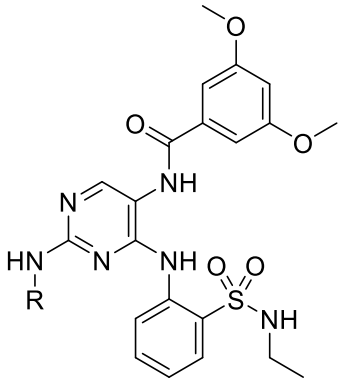


FIG. 20A

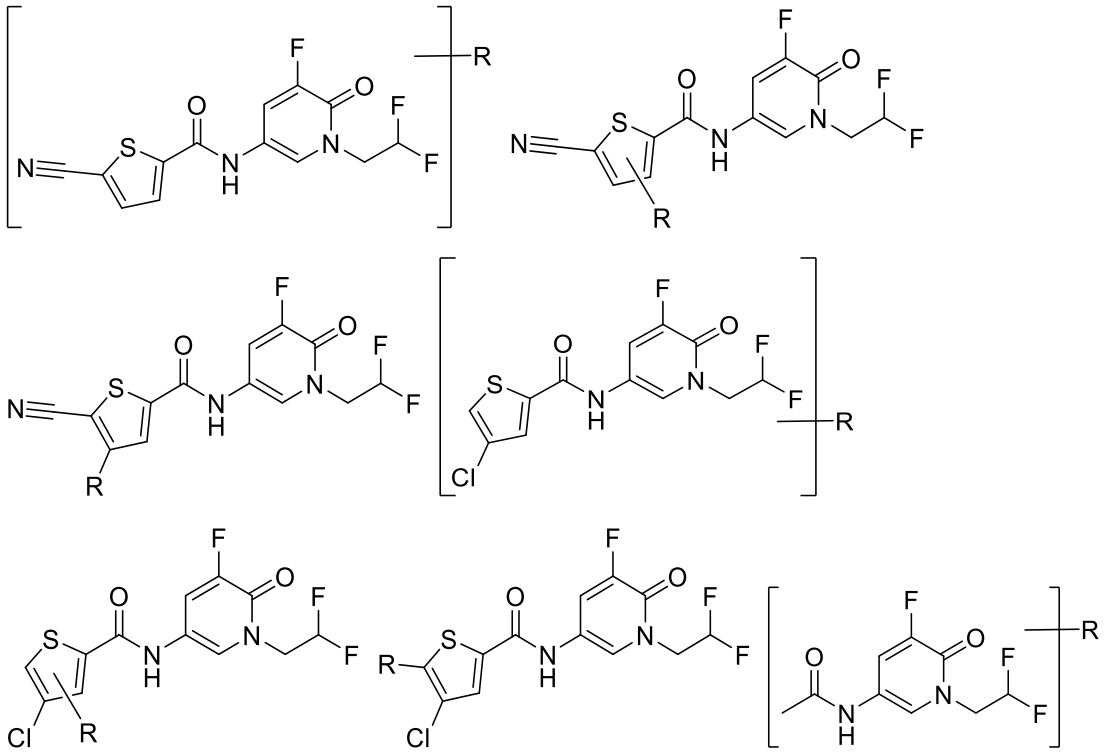


FIG. 20B

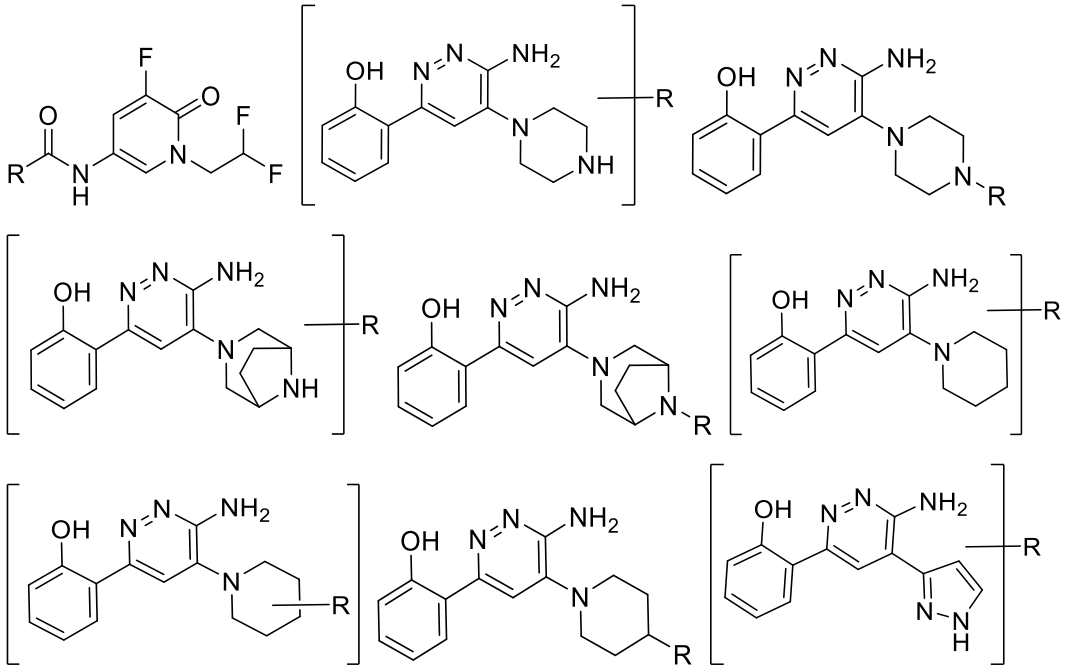


FIG. 20C

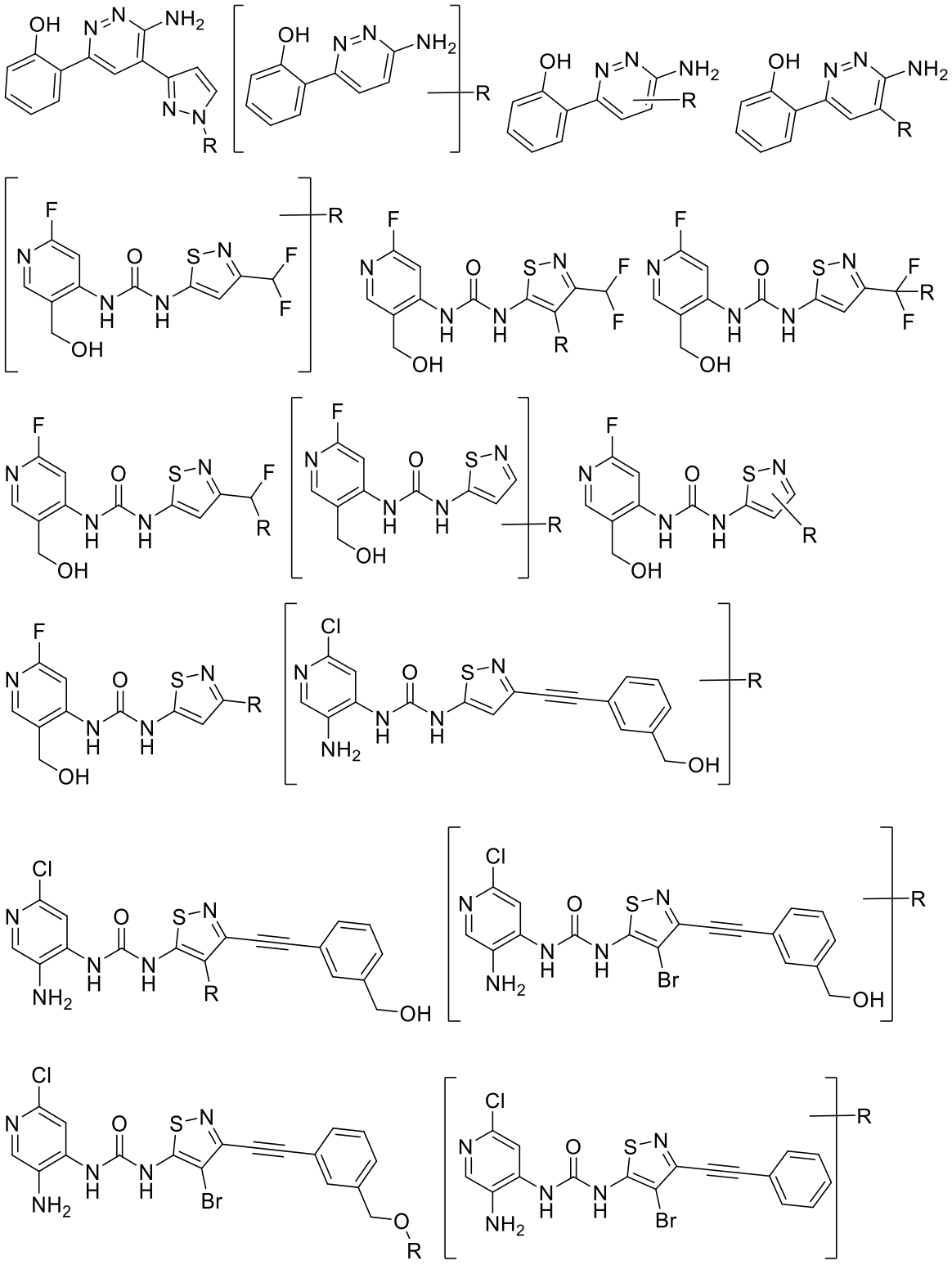


FIG. 20D

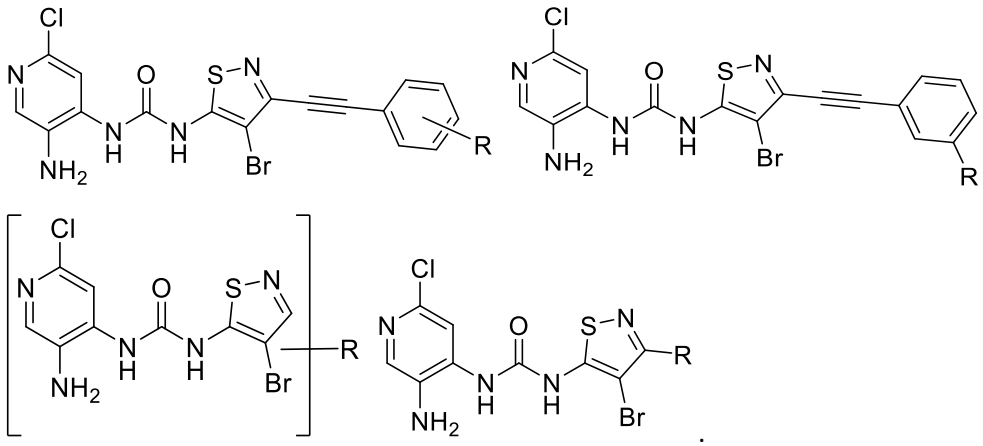


FIG. 21A

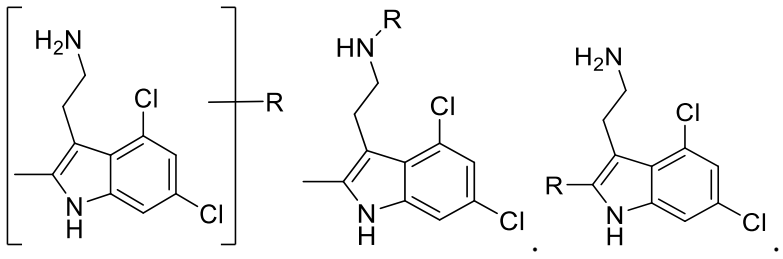


FIG. 21B

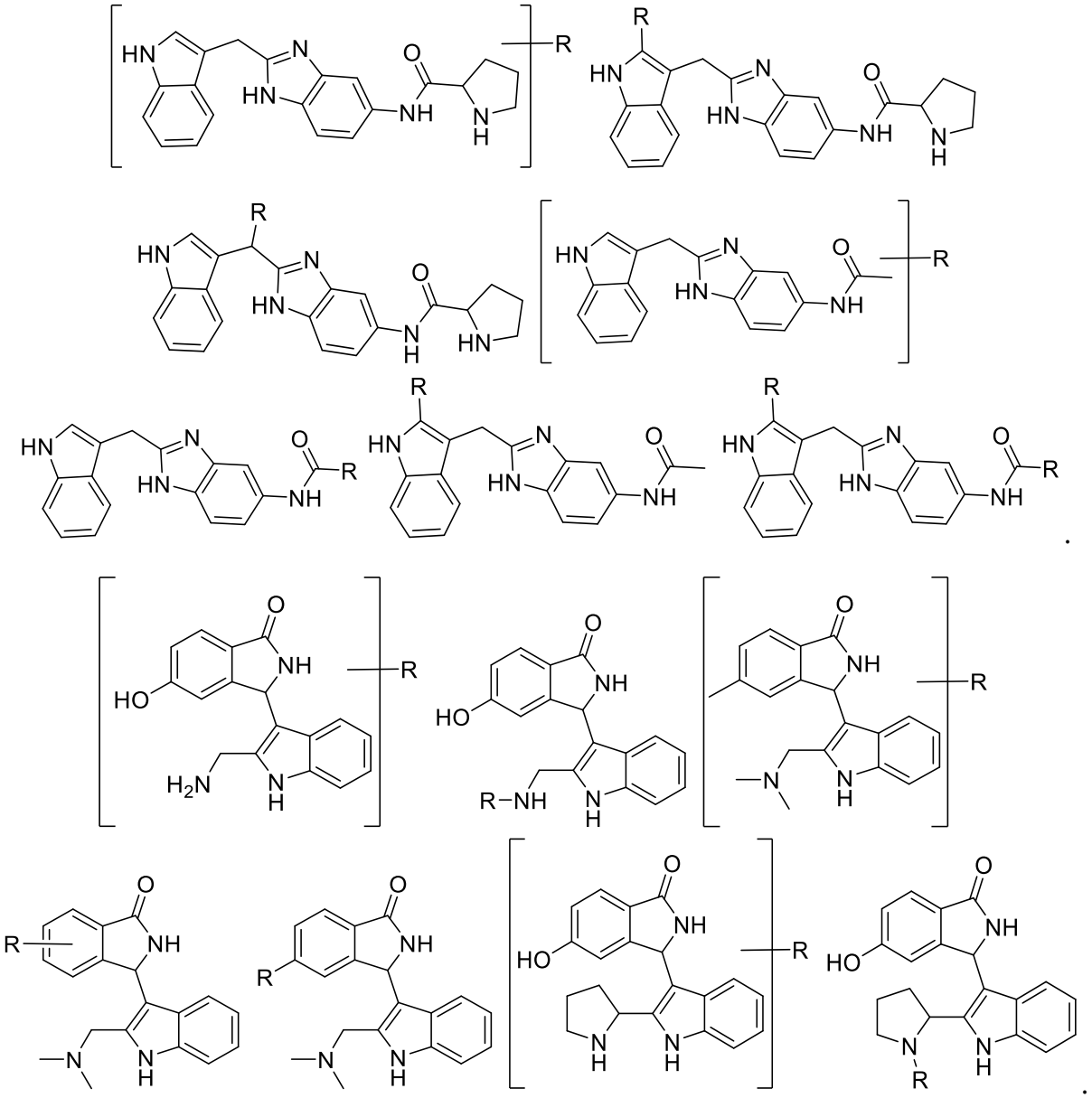


FIG. 21C

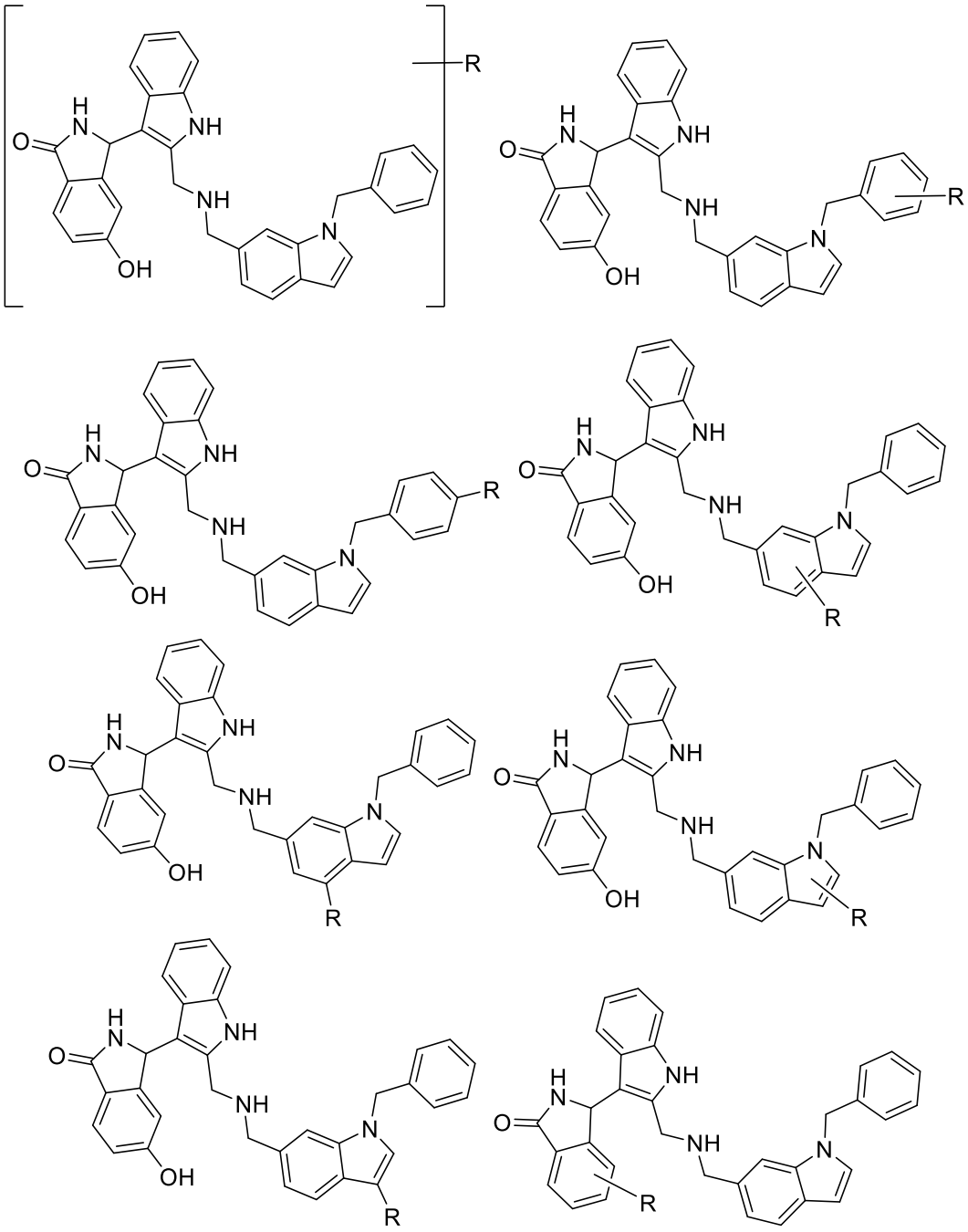


FIG. 21D

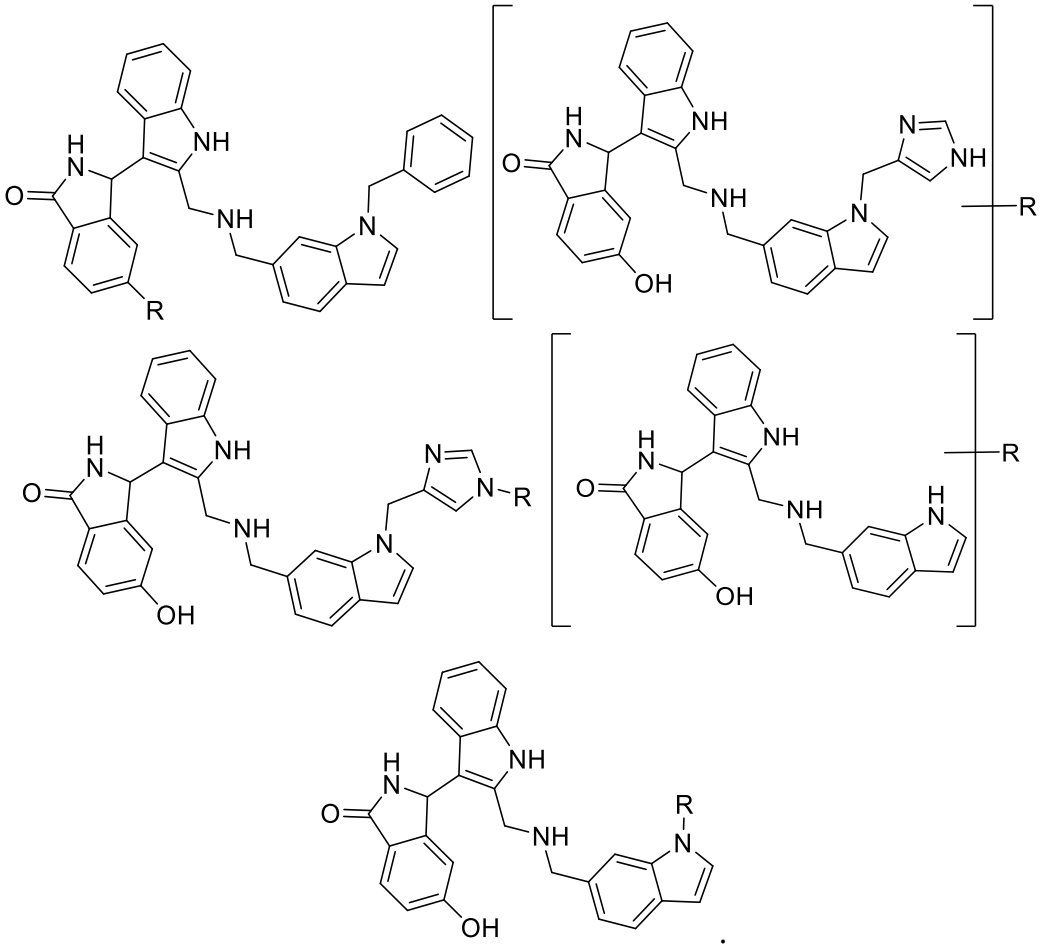


FIG. 21E

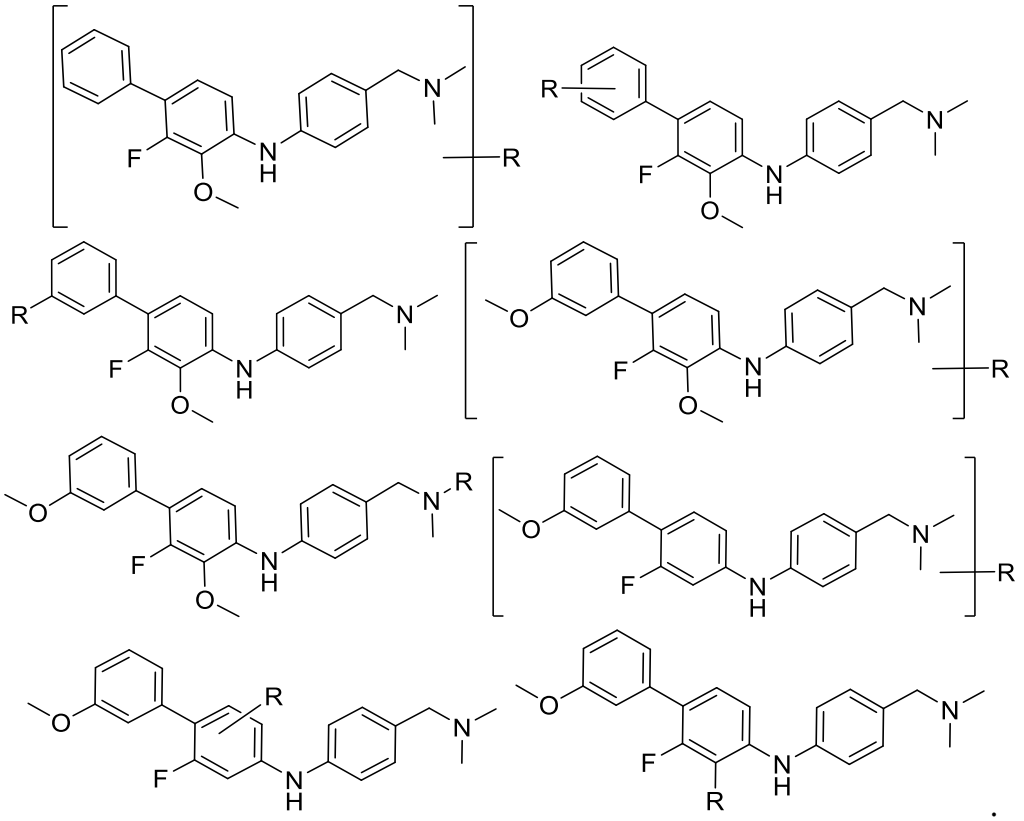


FIG. 21F

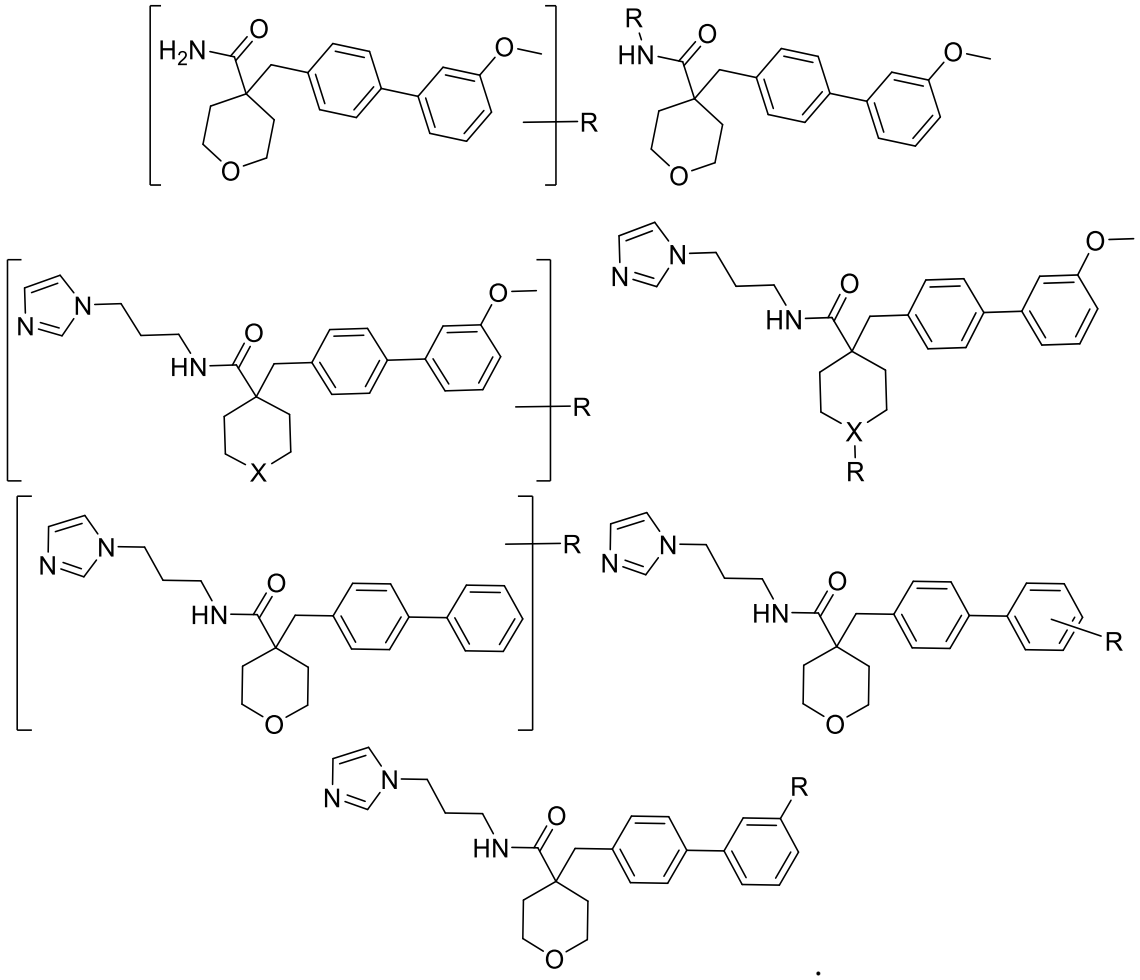


FIG. 21G

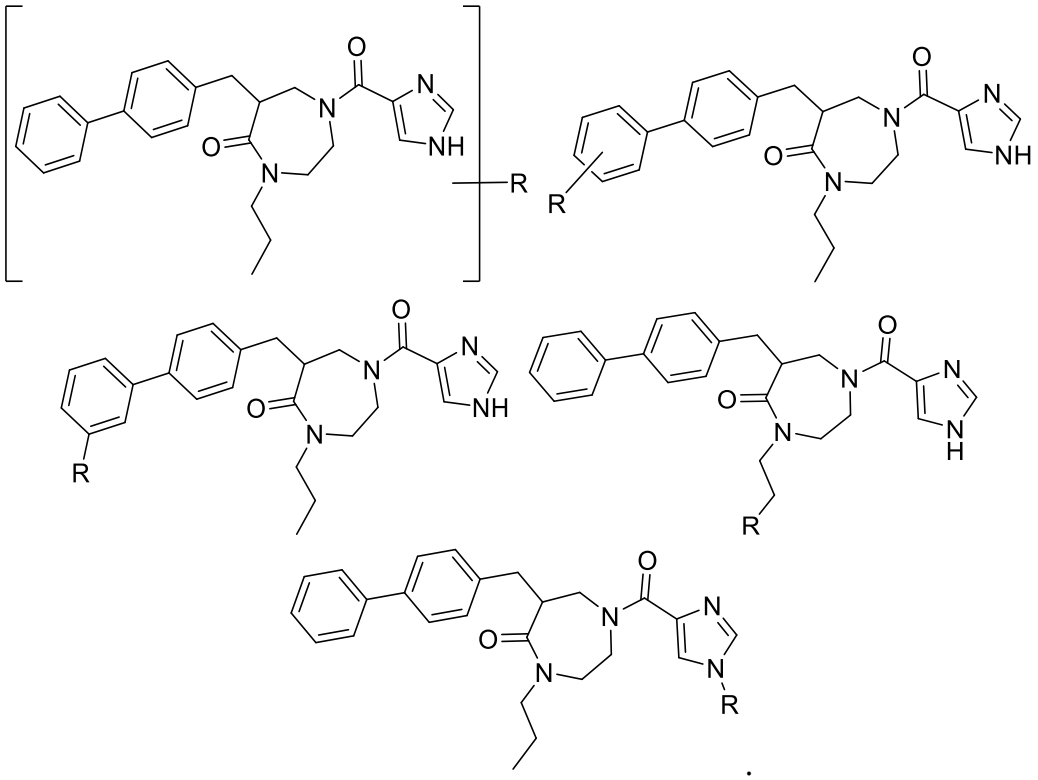


FIG. 21H

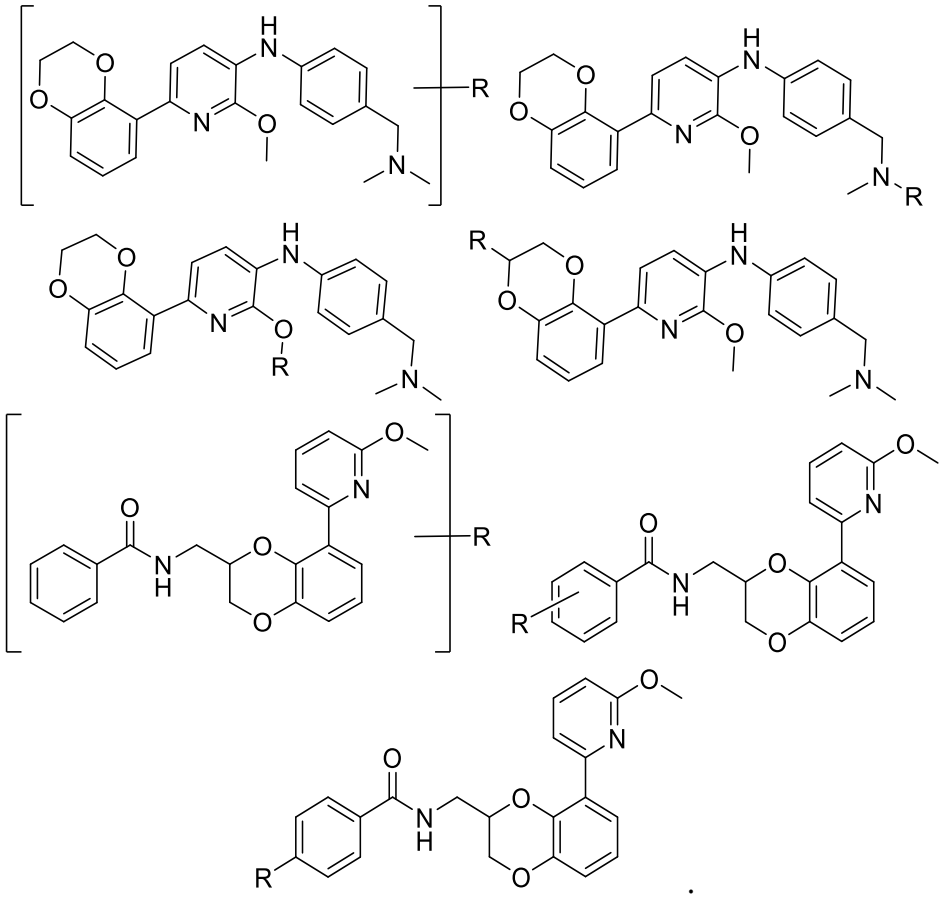


FIG. 21I

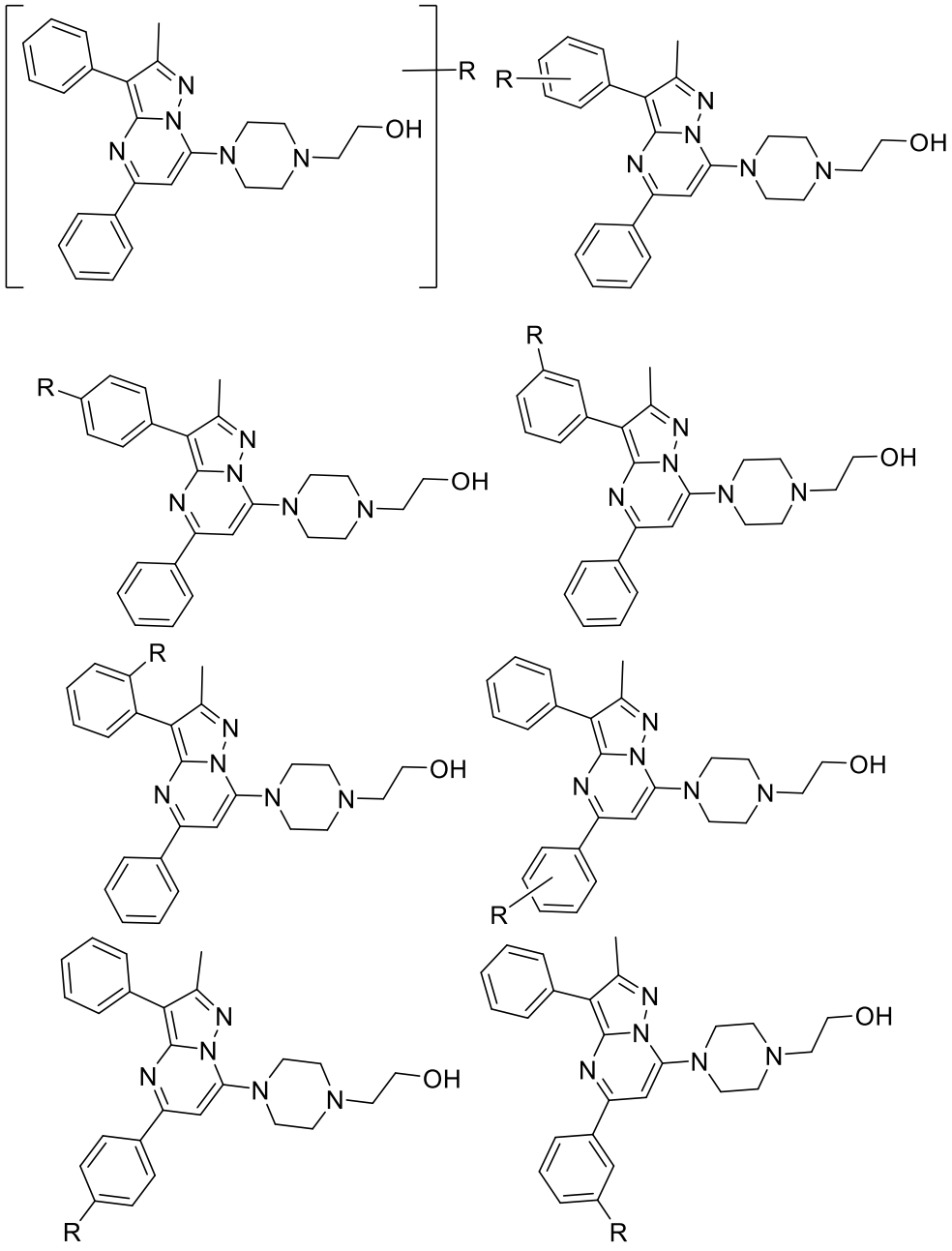


FIG. 21J

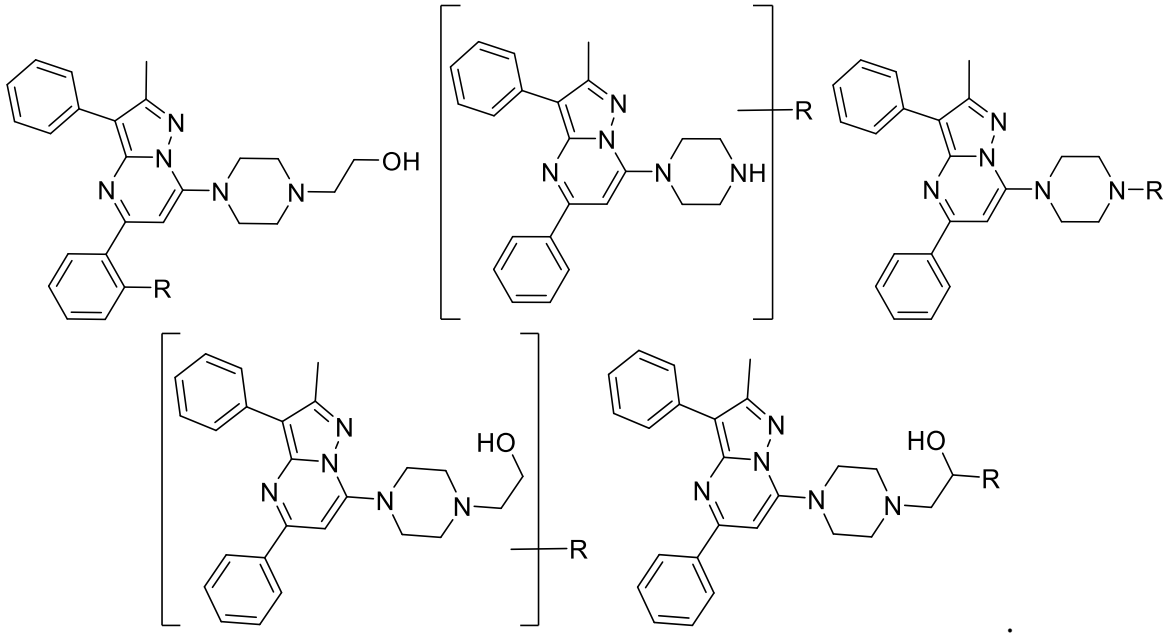


FIG. 22

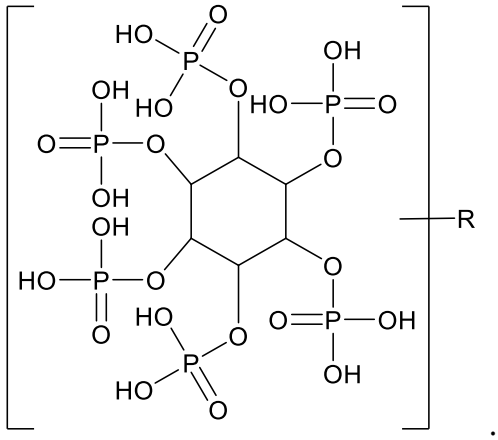


FIG. 23

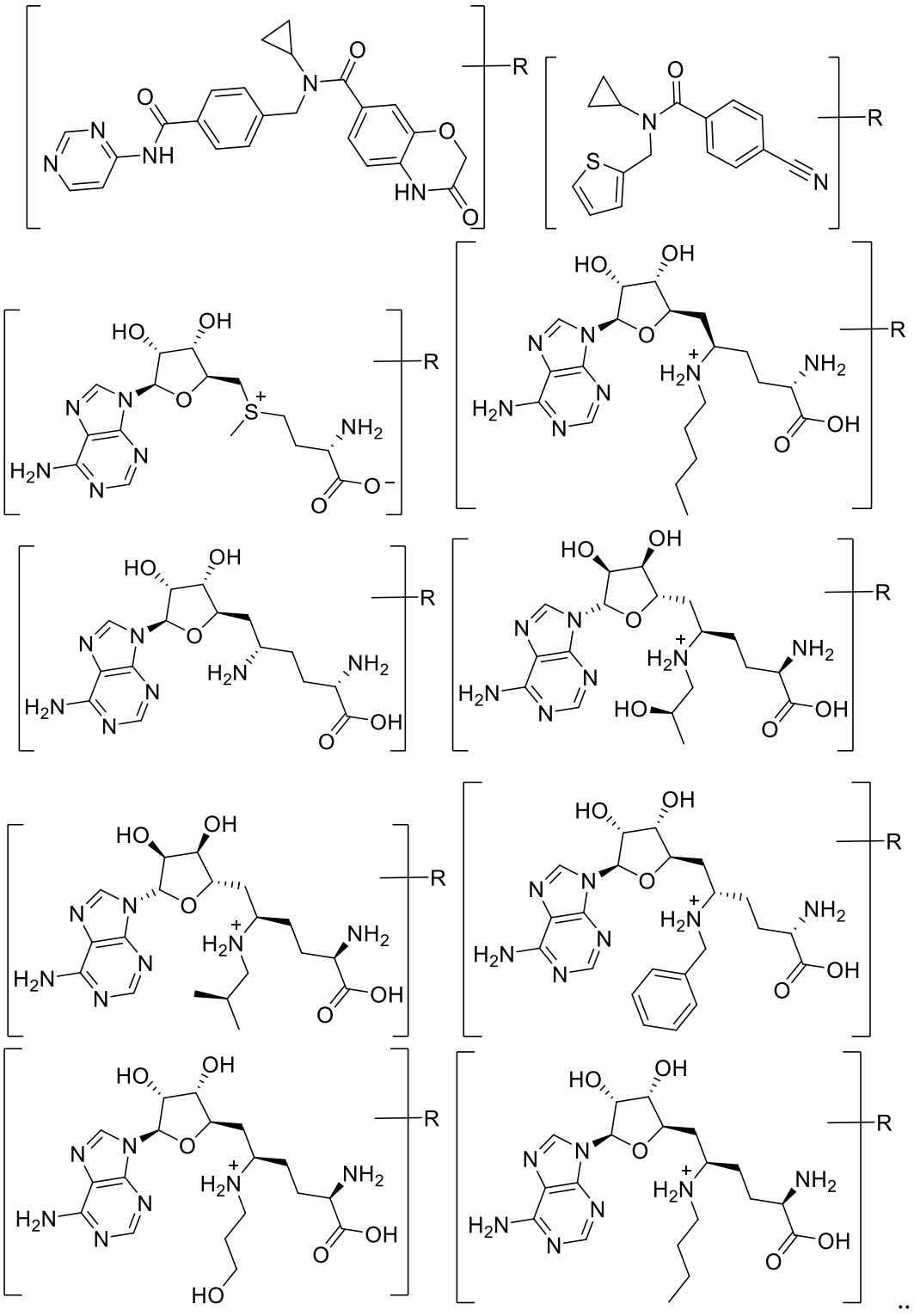


FIG. 24

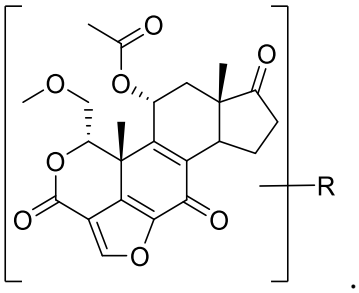


FIG. 25

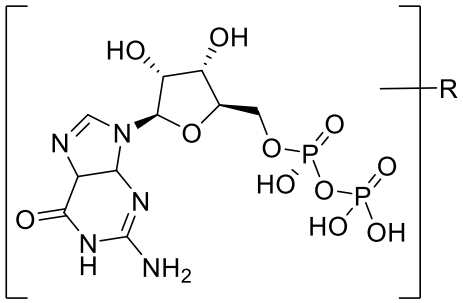


FIG. 26

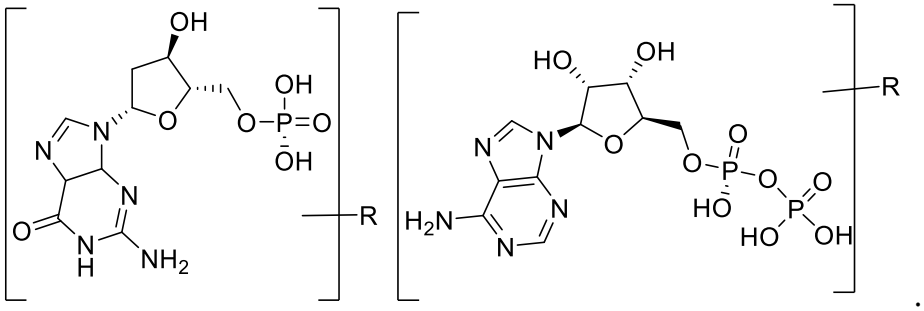


FIG. 27

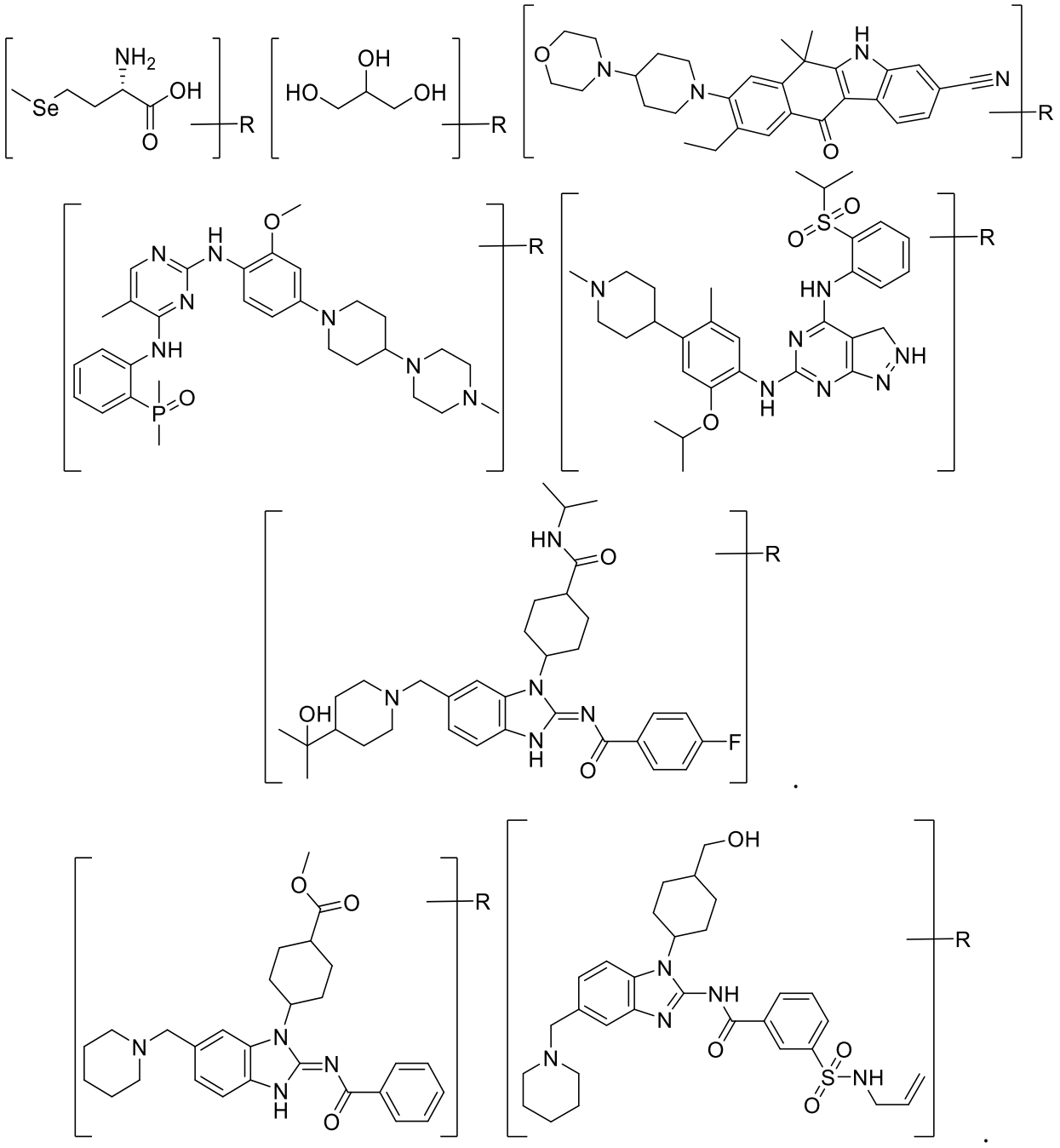


FIG. 28

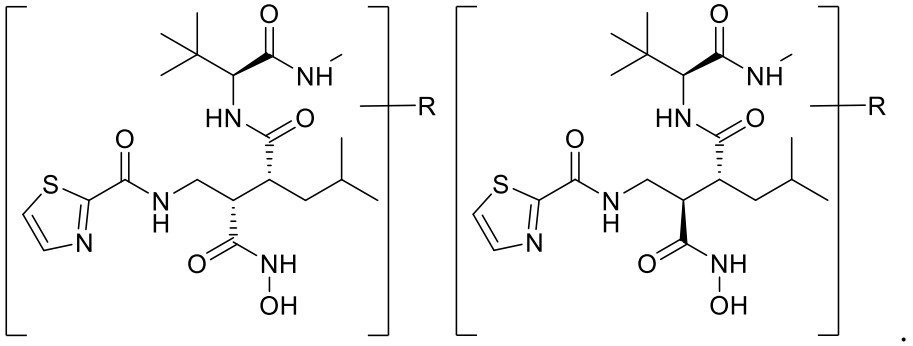


FIG. 29

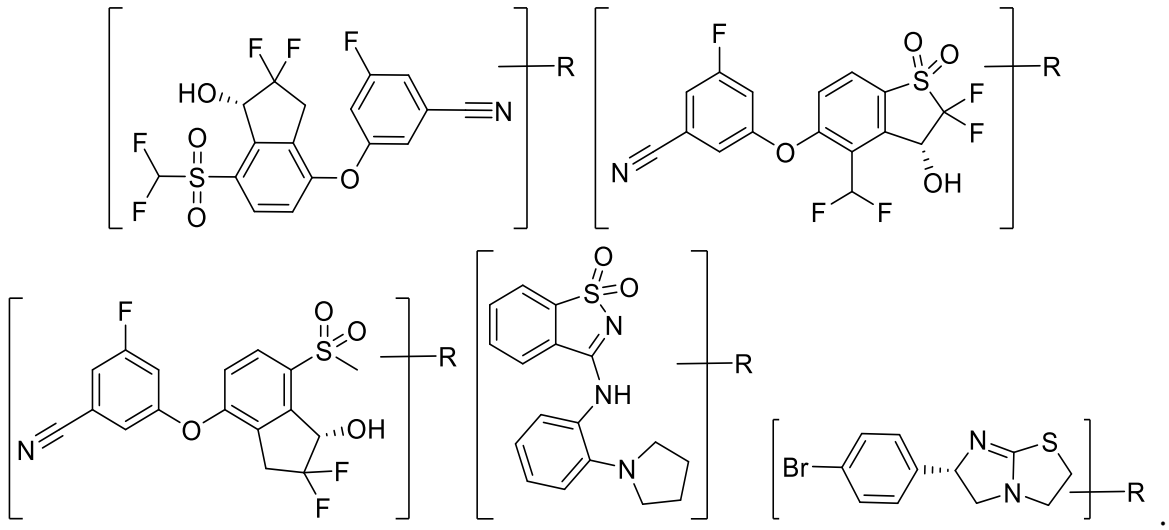


FIG. 30A

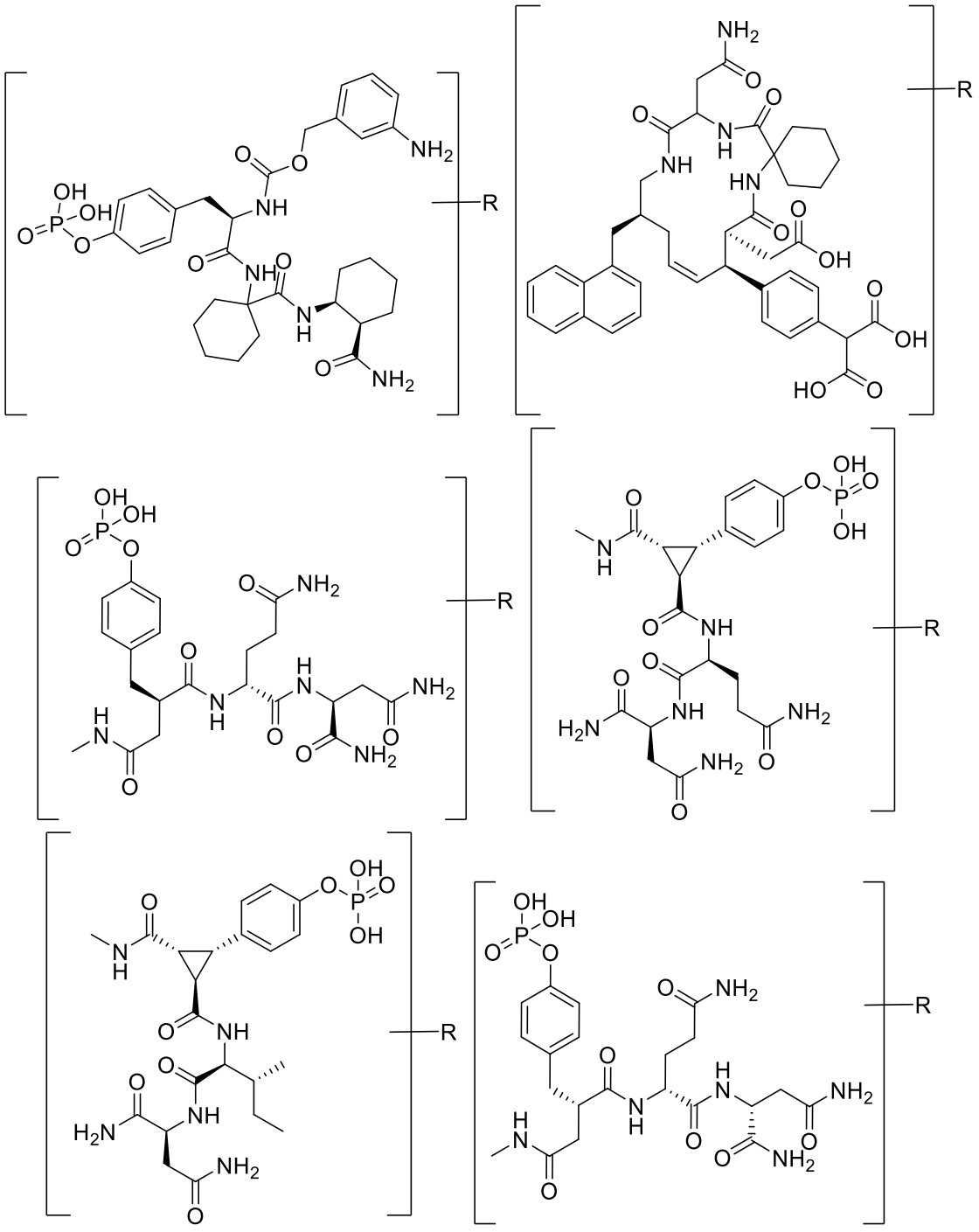


FIG. 30B

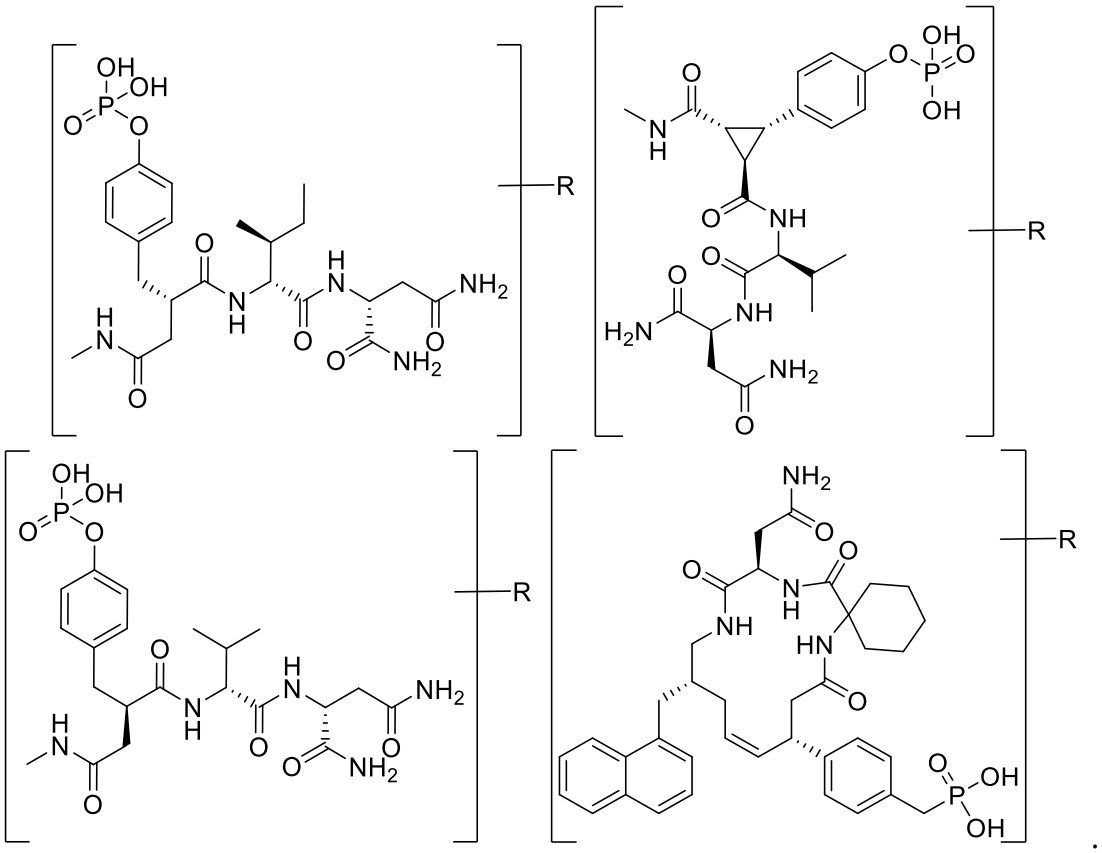


FIG. 31

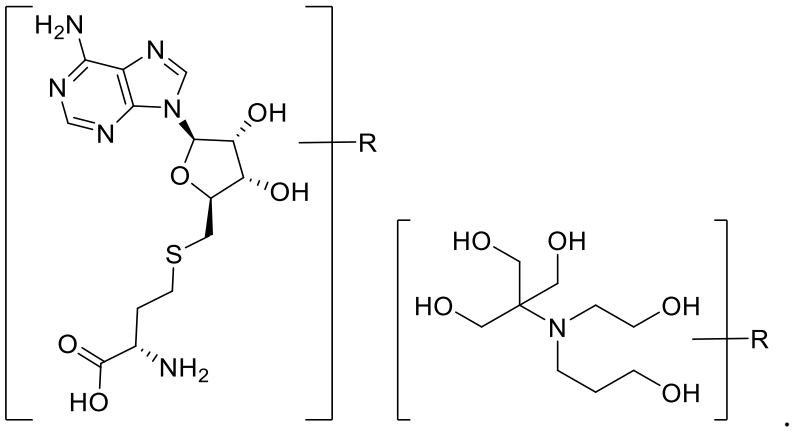


FIG. 32

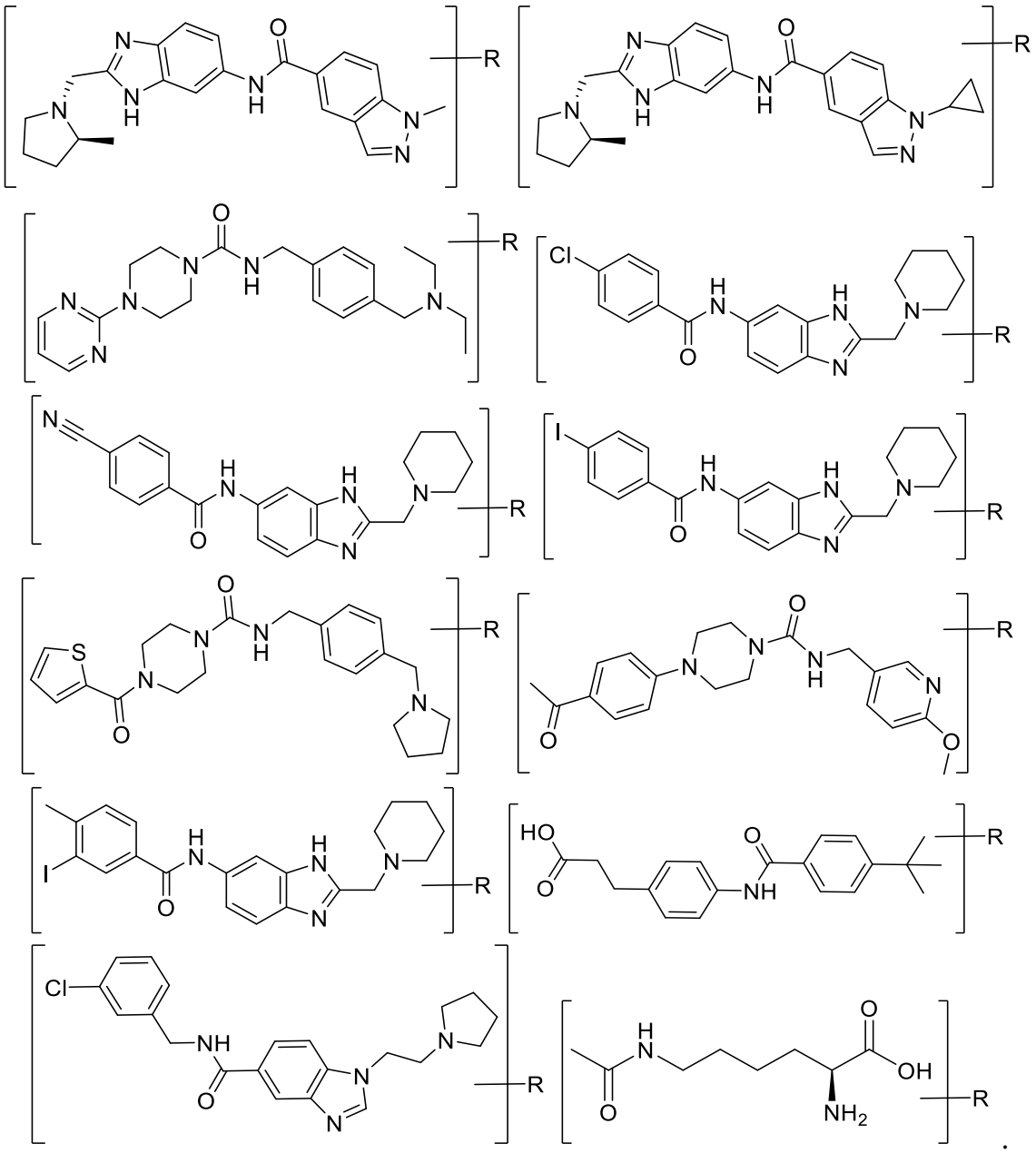


FIG. 33

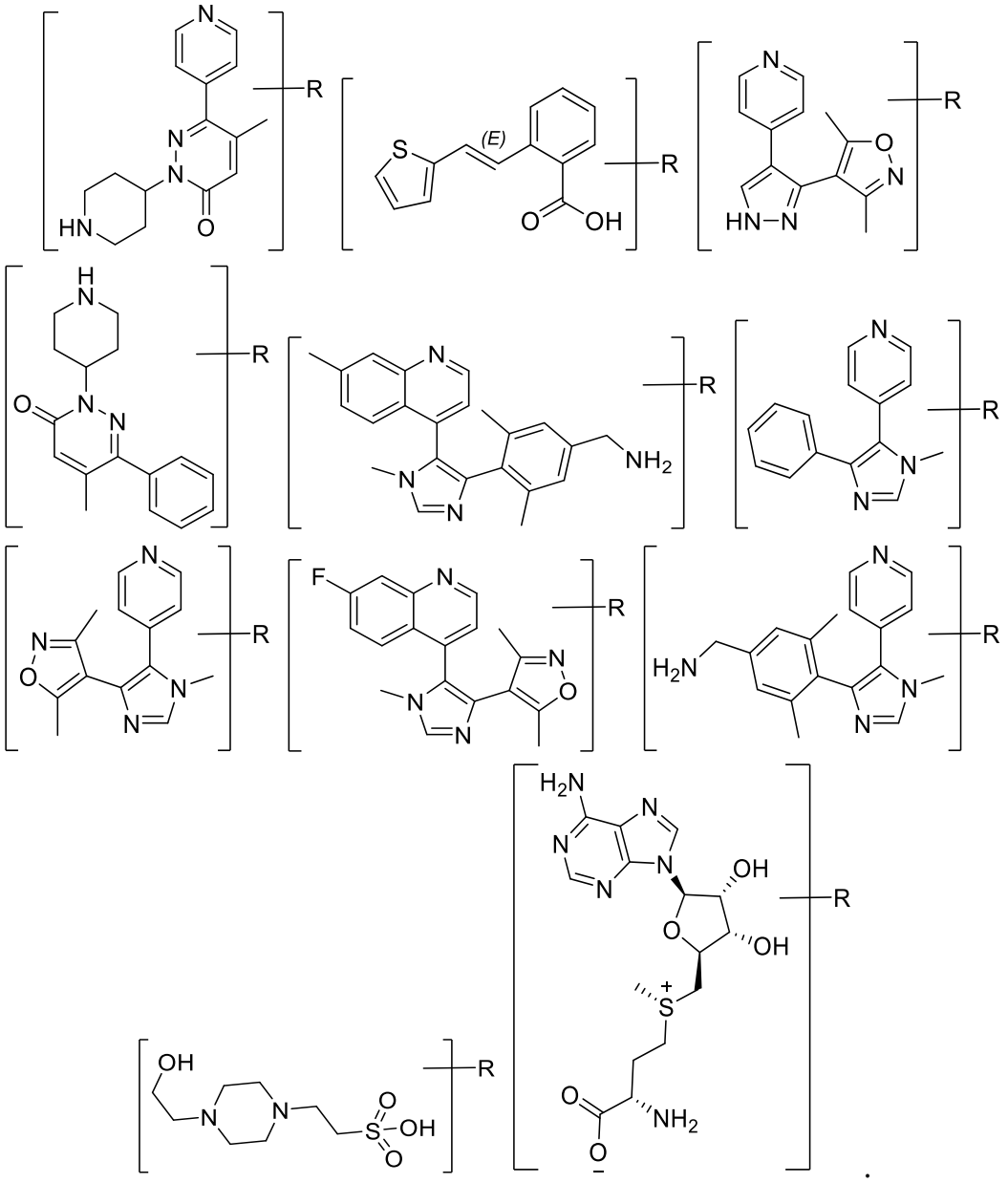


FIG. 34

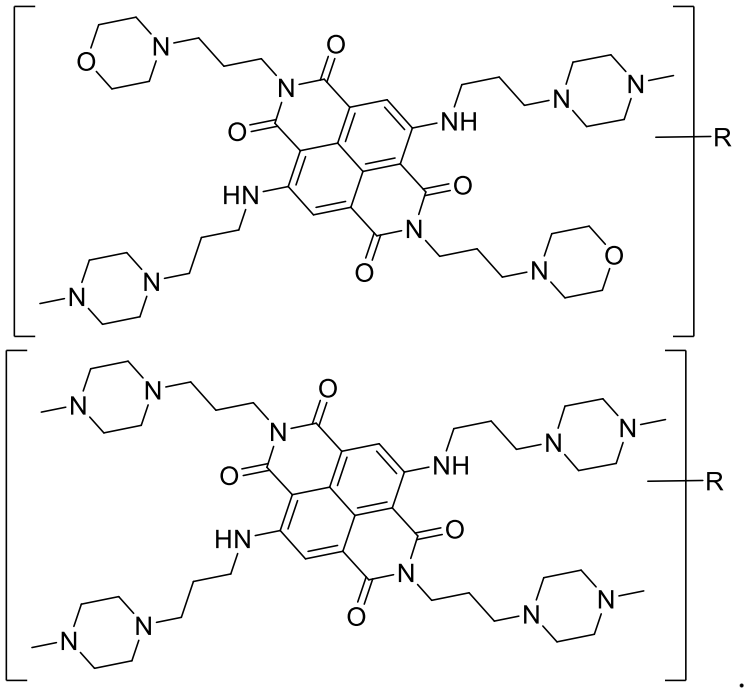


FIG. 35A

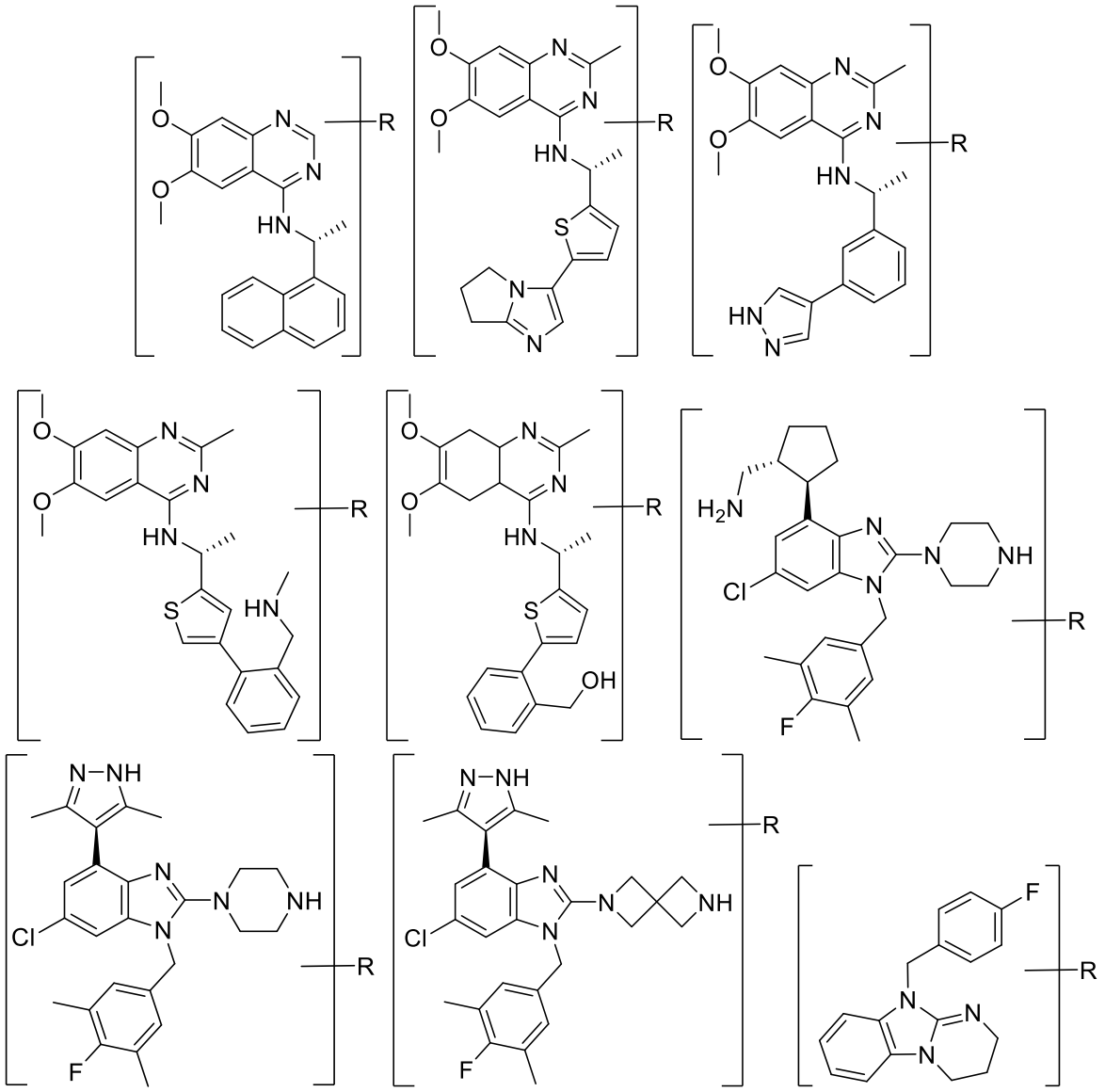


FIG. 35B

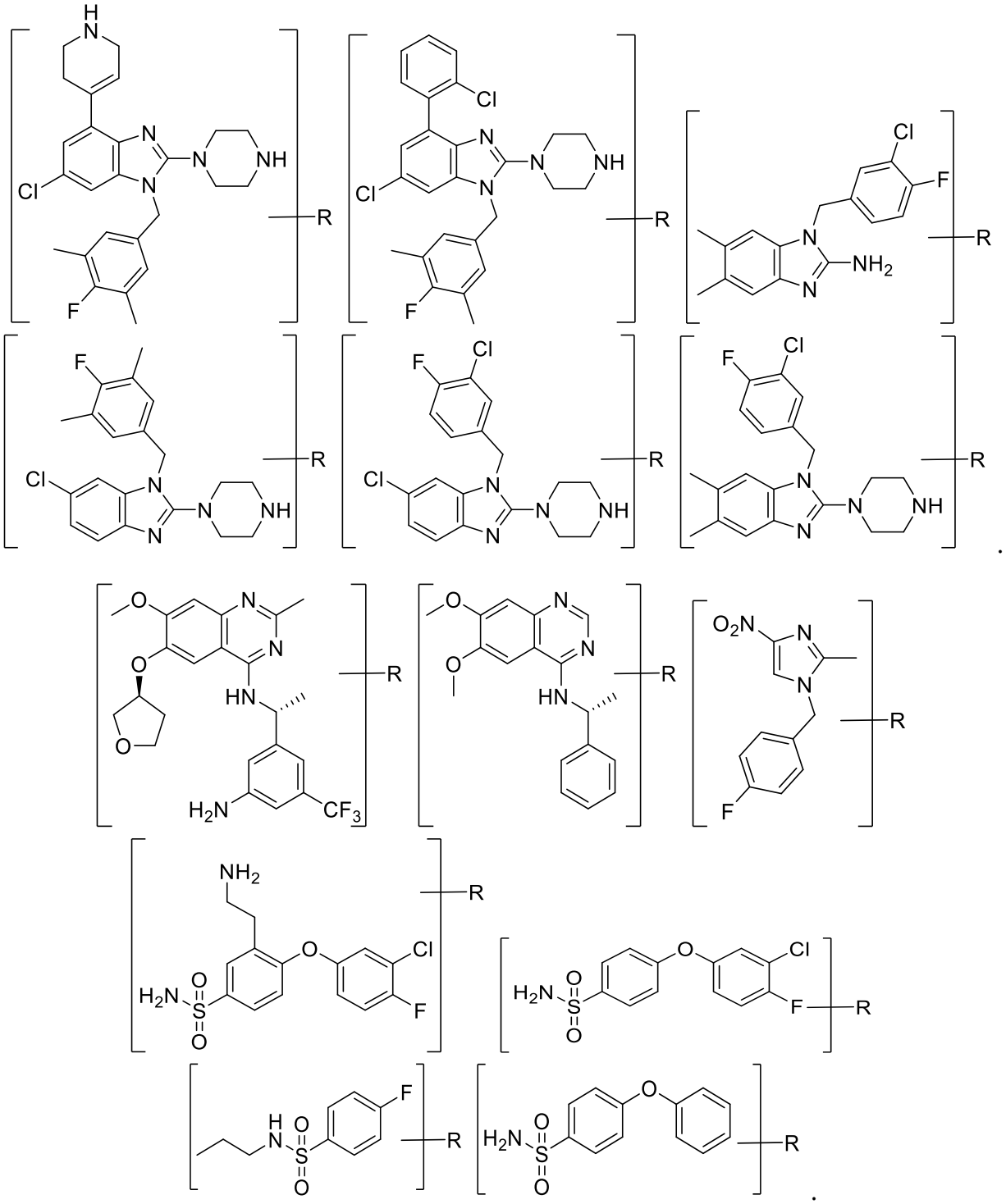


FIG. 36A

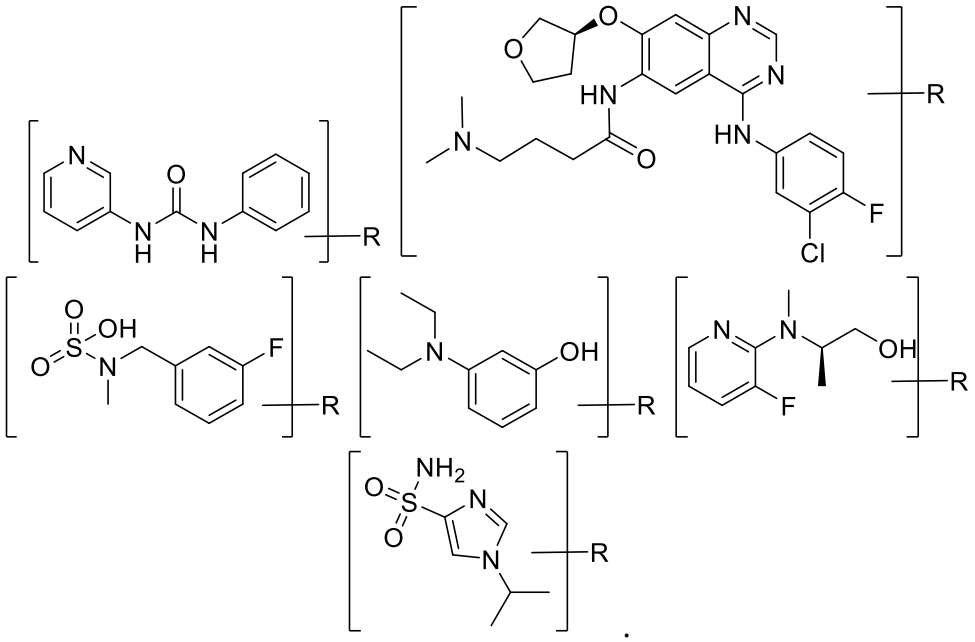


FIG. 37A

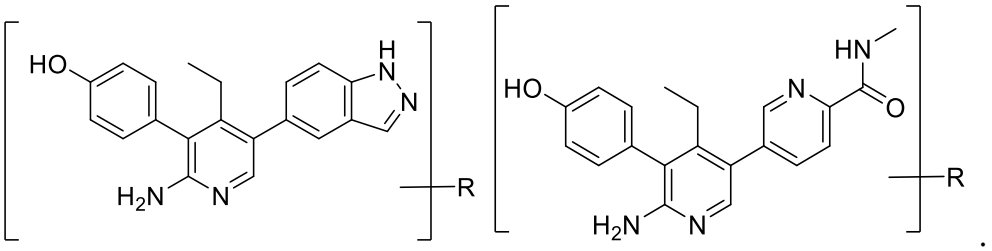


FIG. 37B

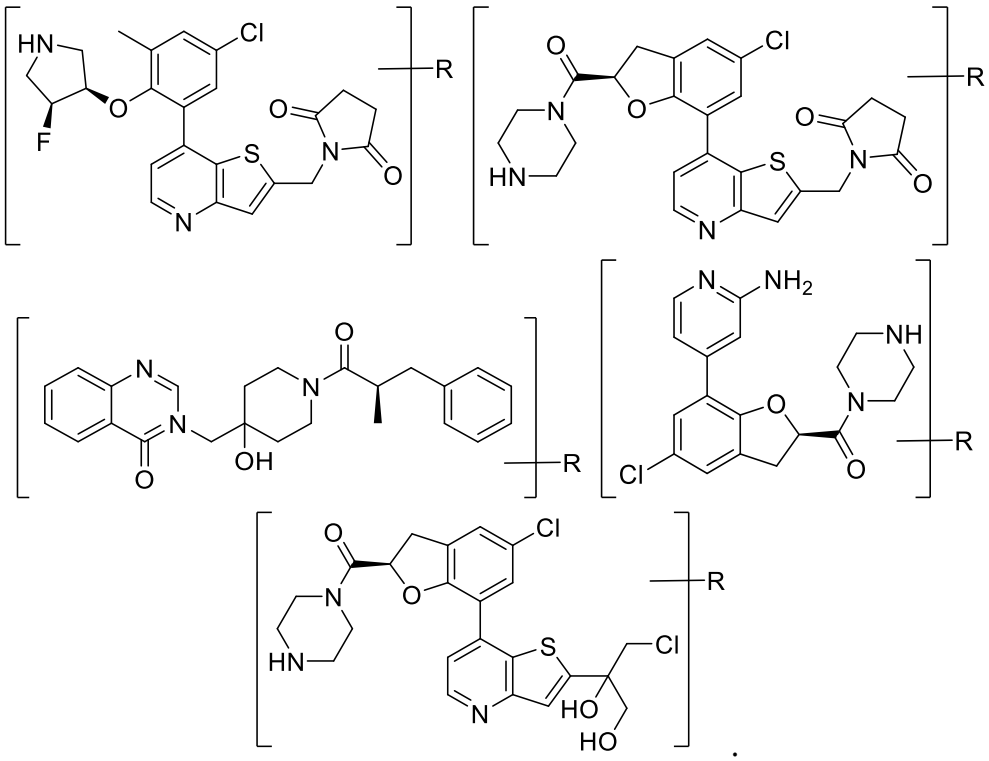


FIG. 37C

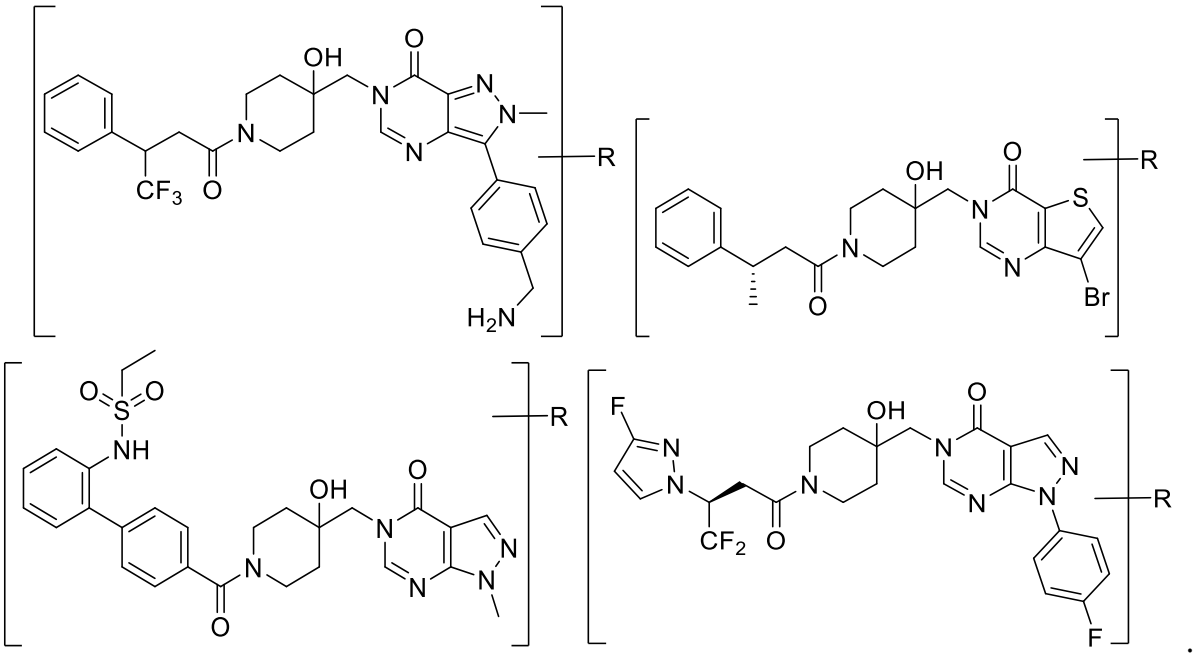


FIG. 38

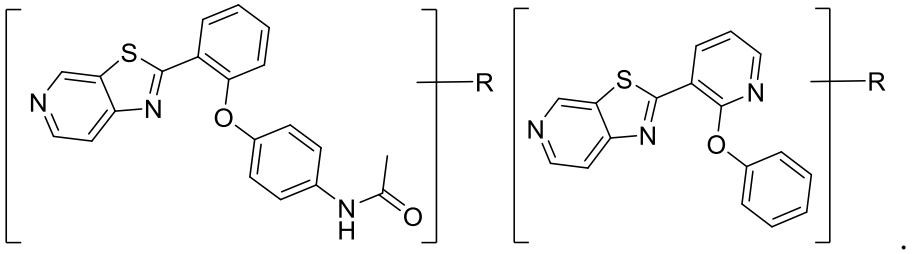


FIG. 39

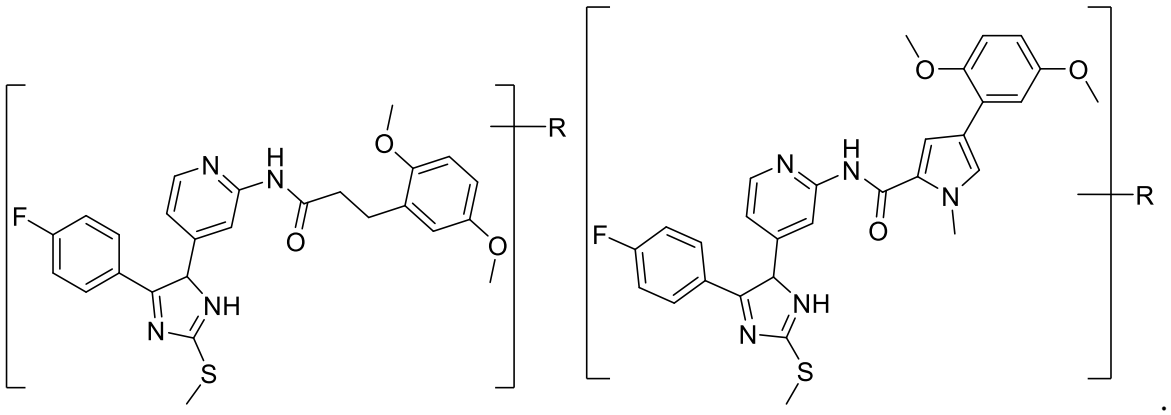


FIG. 40

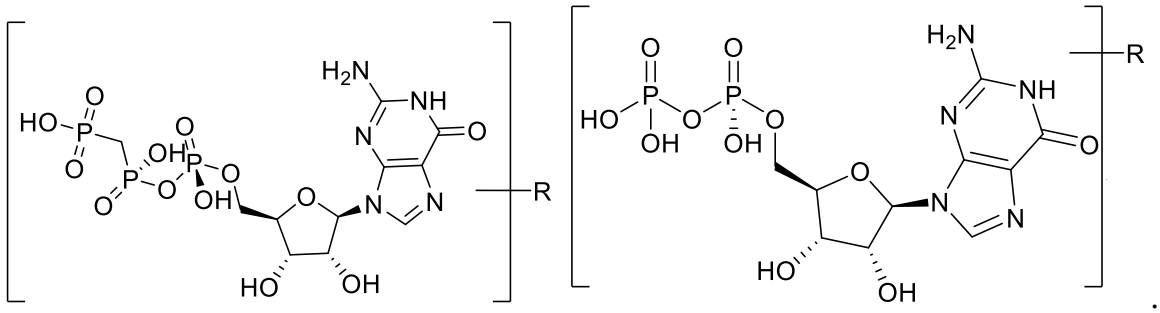


FIG. 41

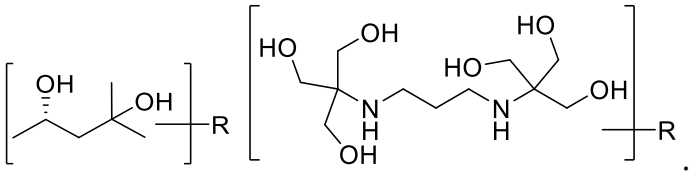


FIG. 42

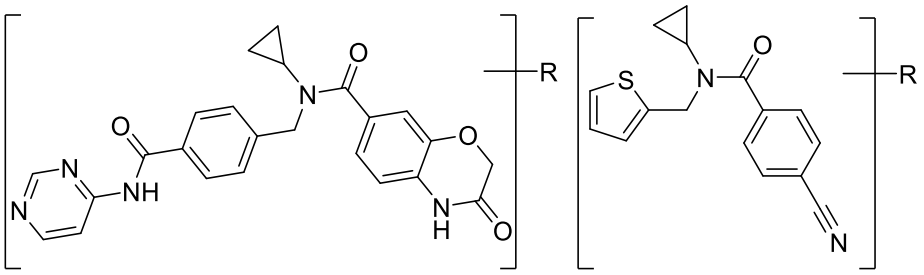


FIG. 43

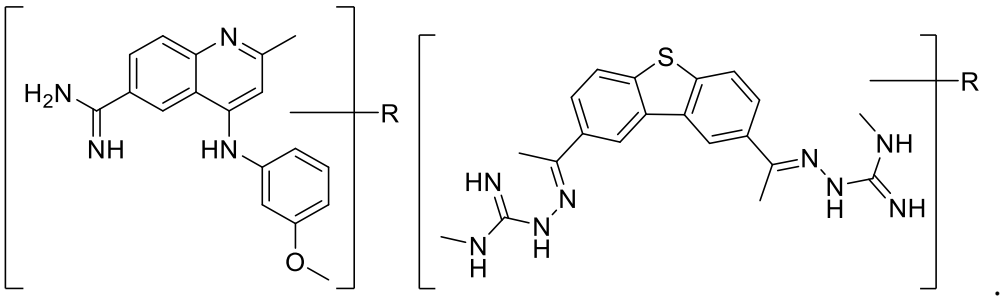


FIG. 44

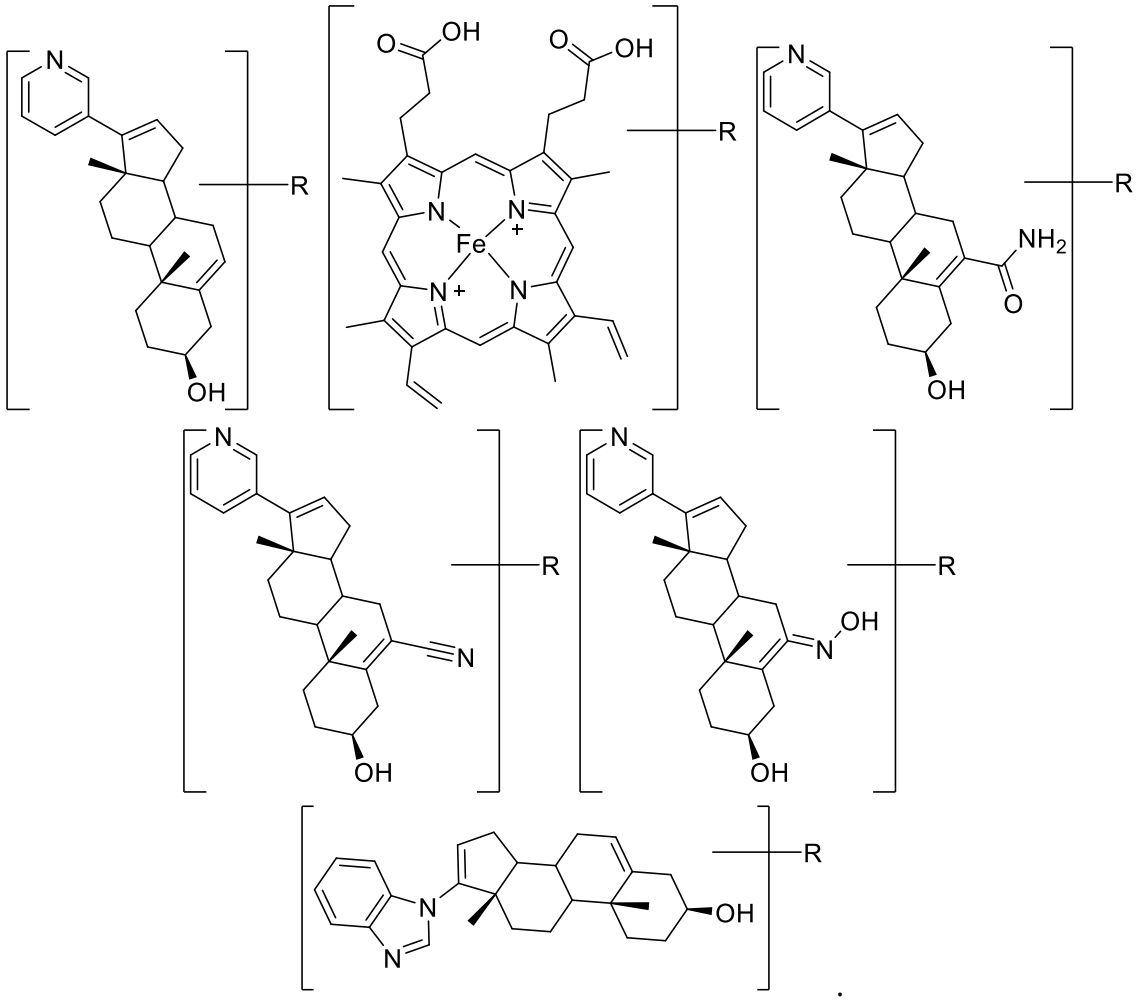


FIG. 45

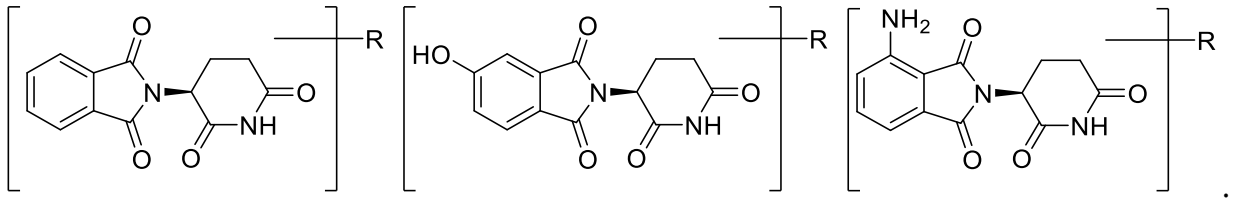


FIG. 46

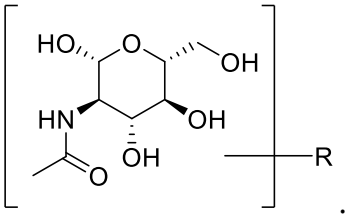


FIG. 47

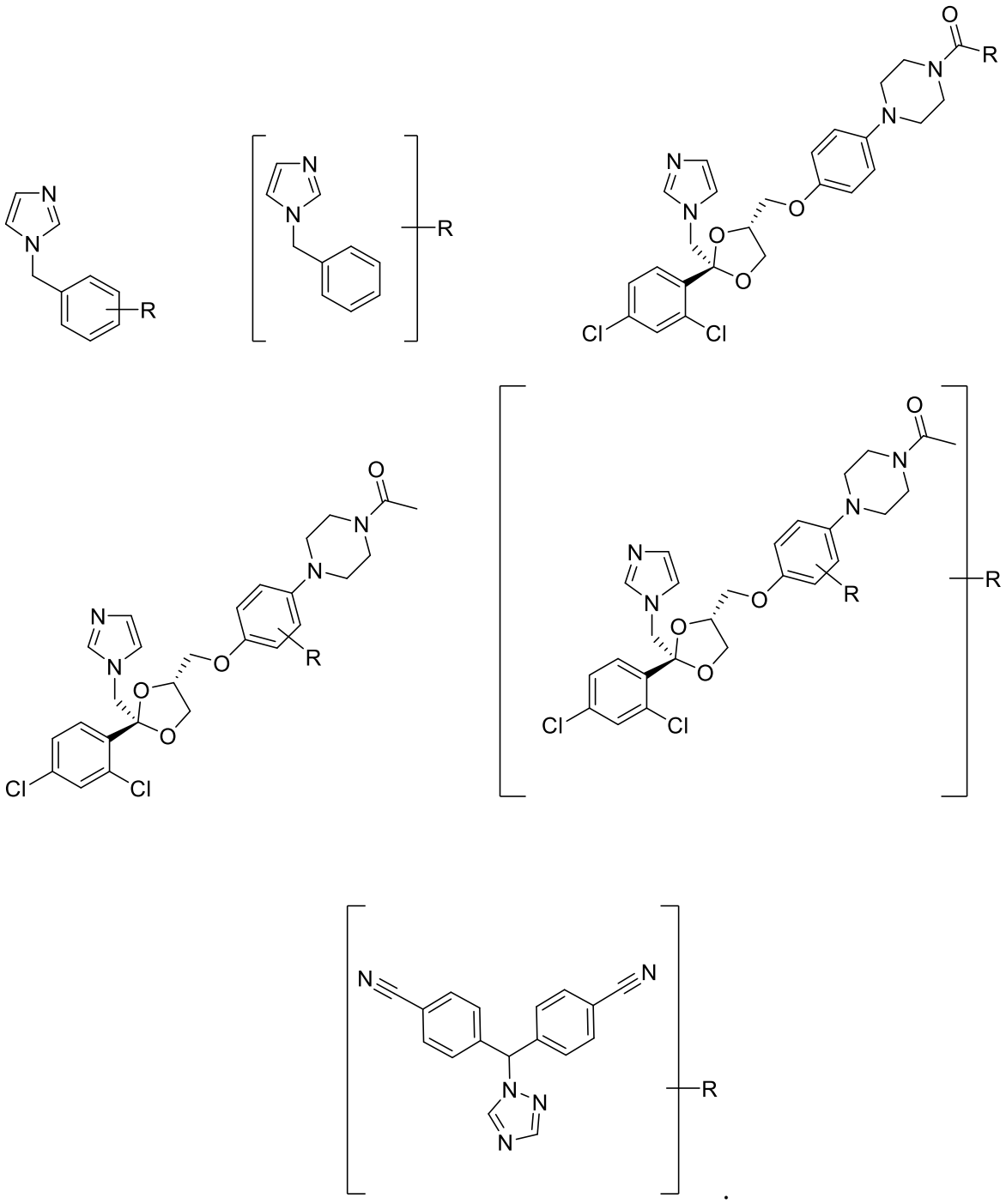


FIG. 48

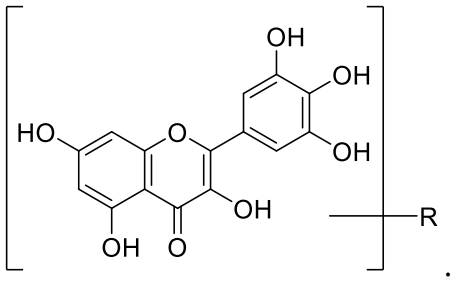


FIG. 49

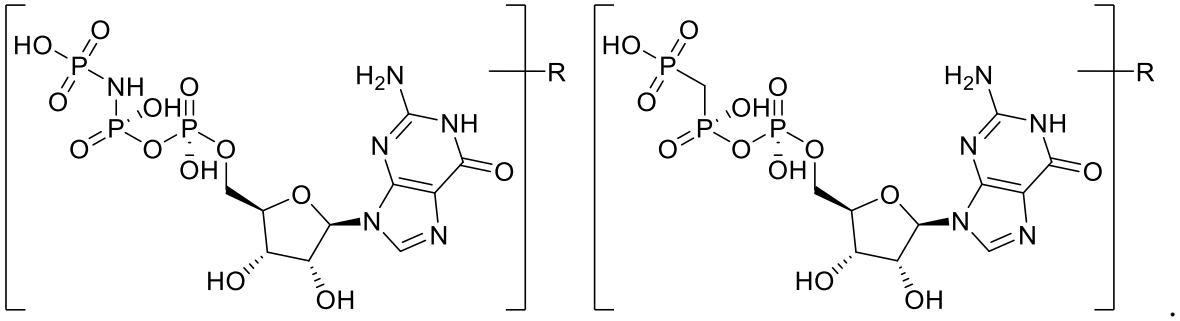


FIG. 50

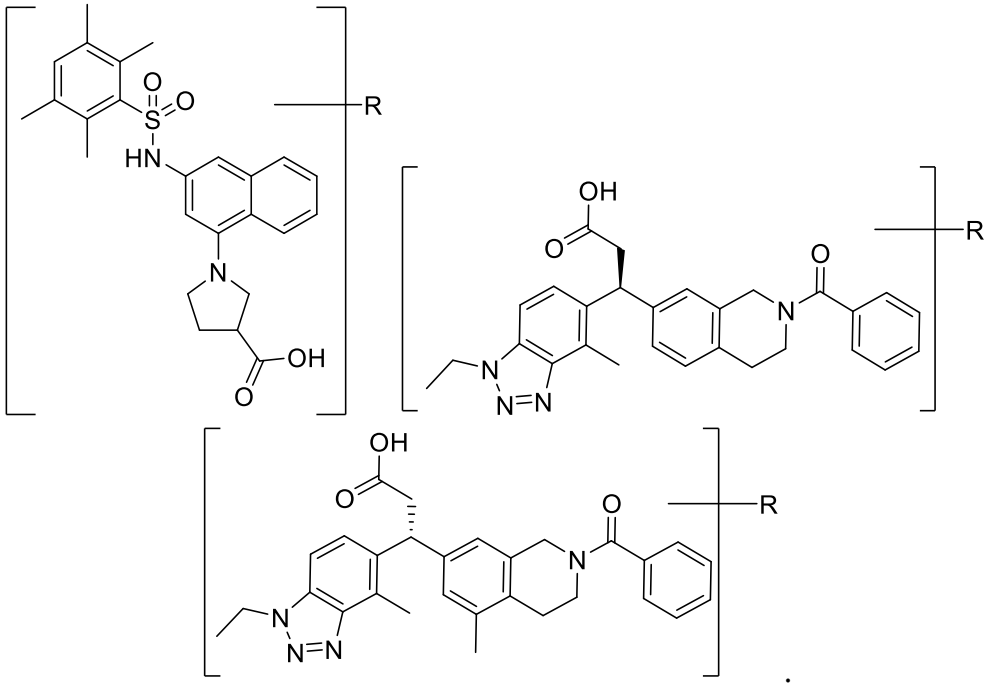


FIG. 51

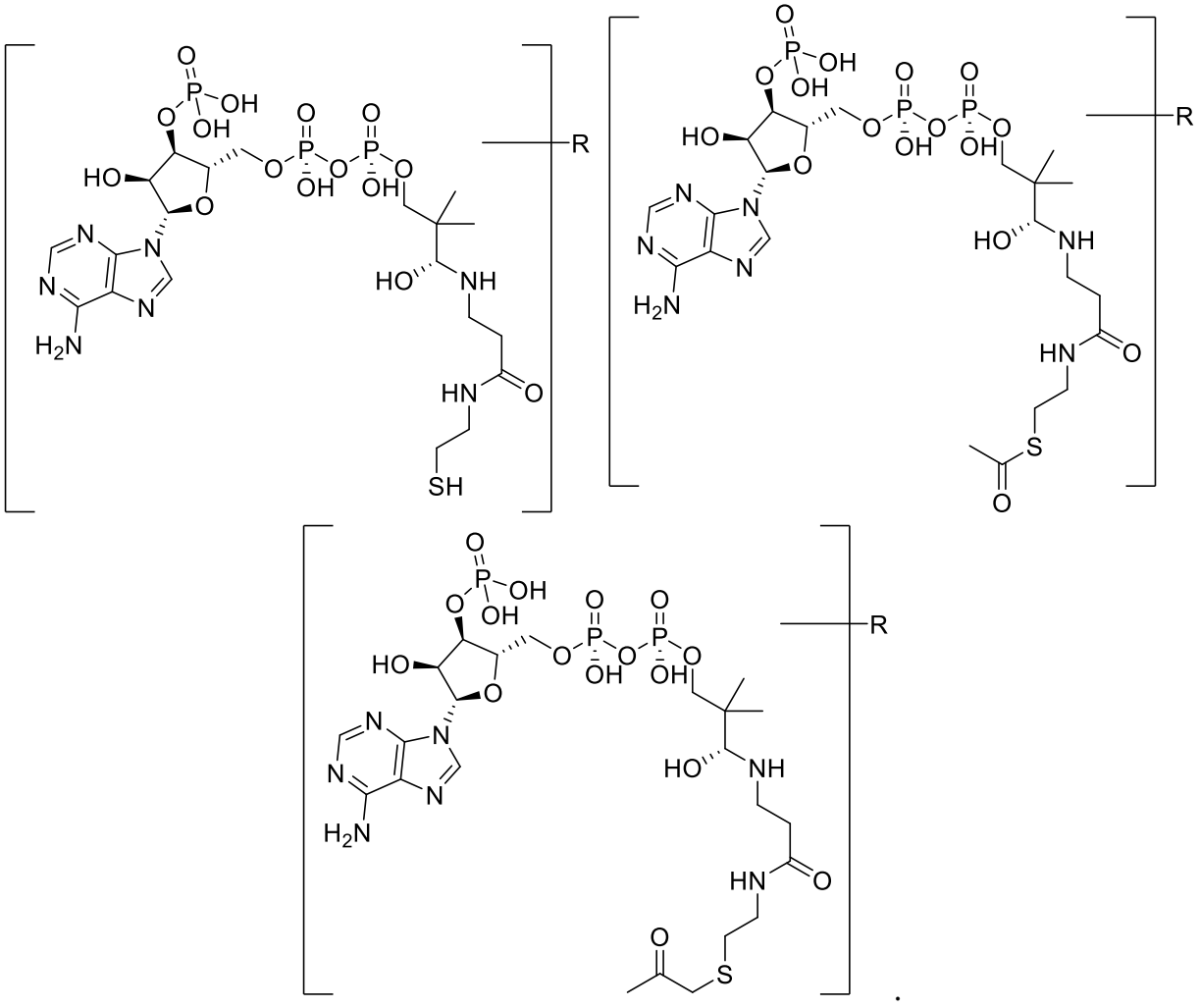


FIG. 52

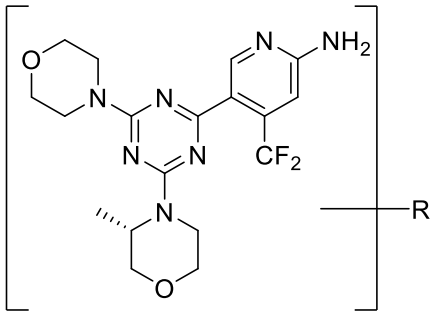


FIG. 53

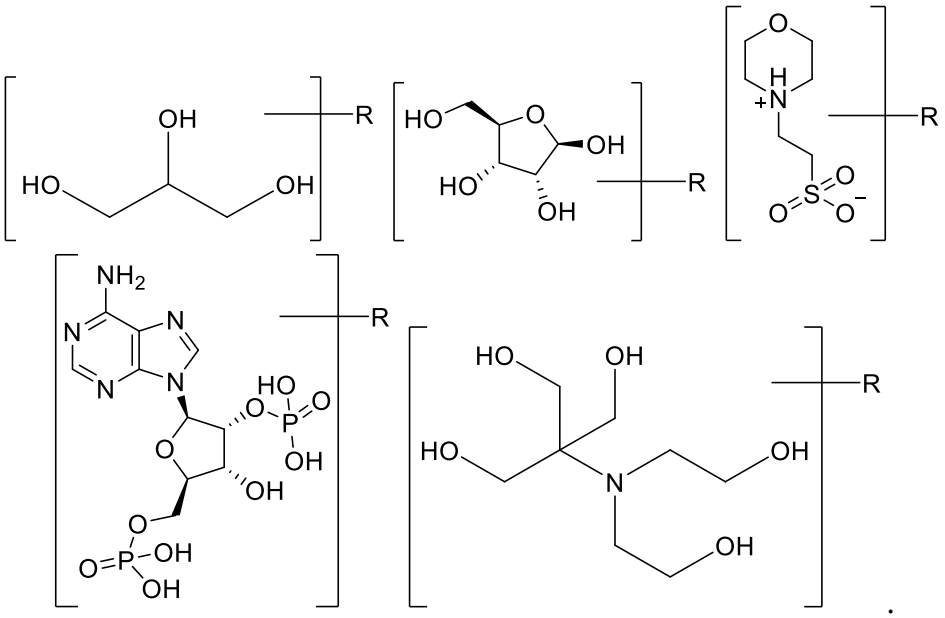


FIG. 54

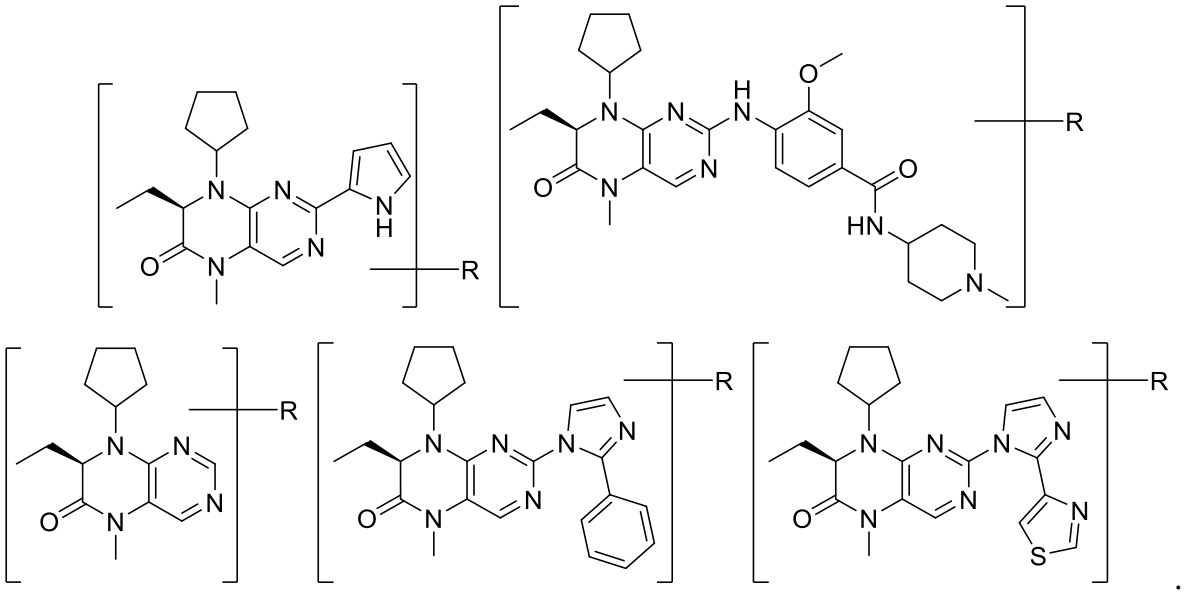


FIG. 55

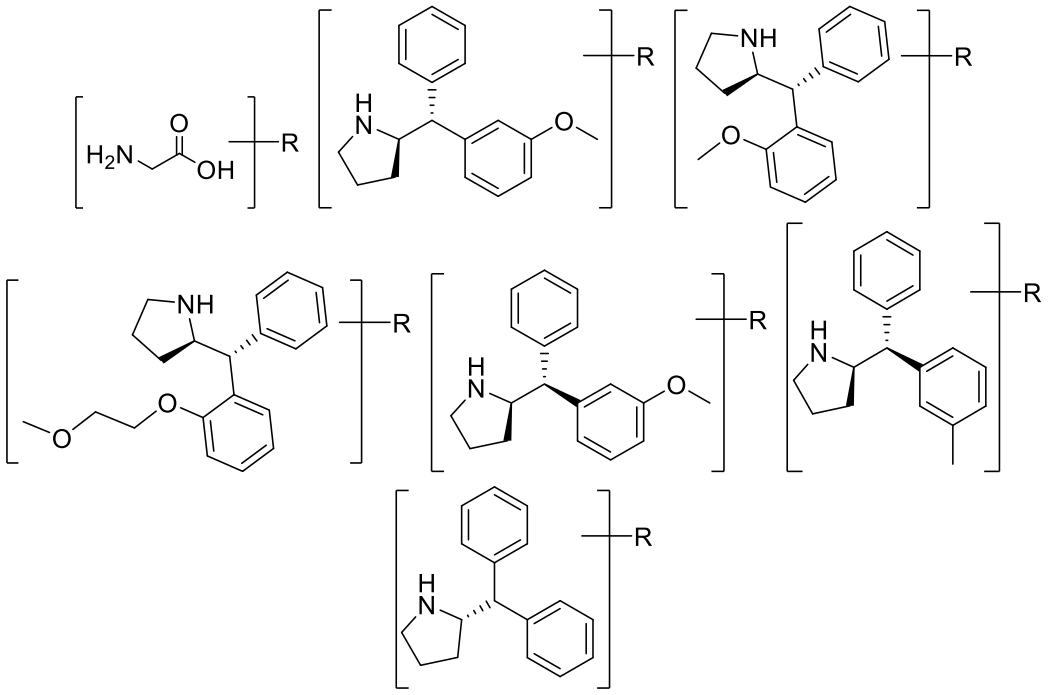


FIG. 56

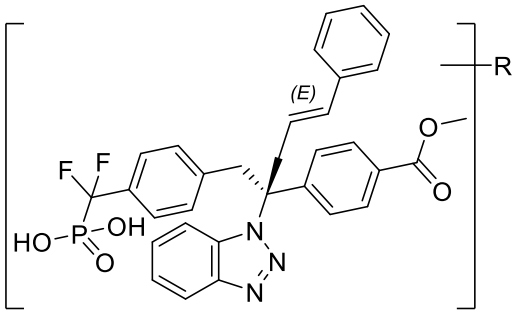


FIG. 57

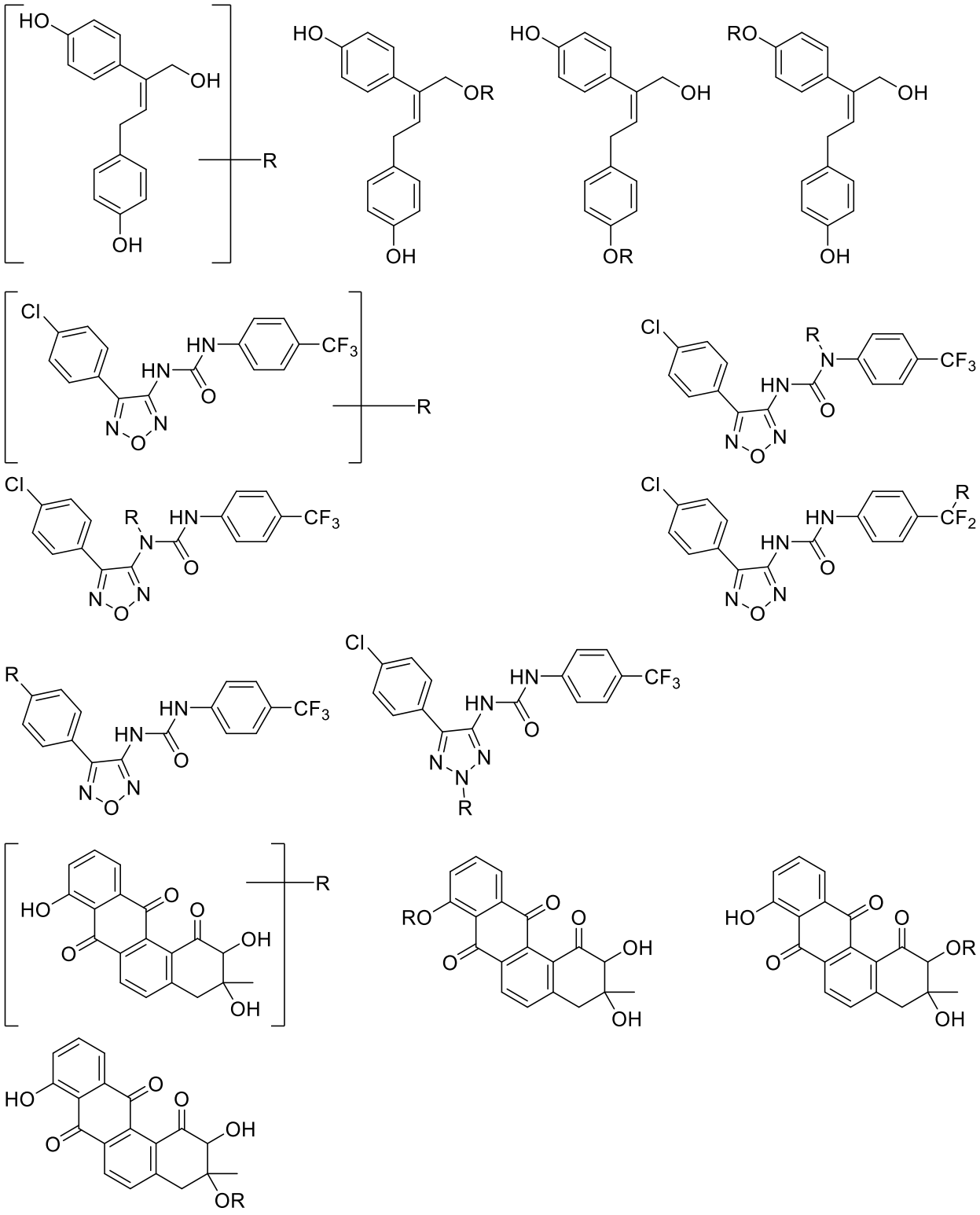


FIG. 58

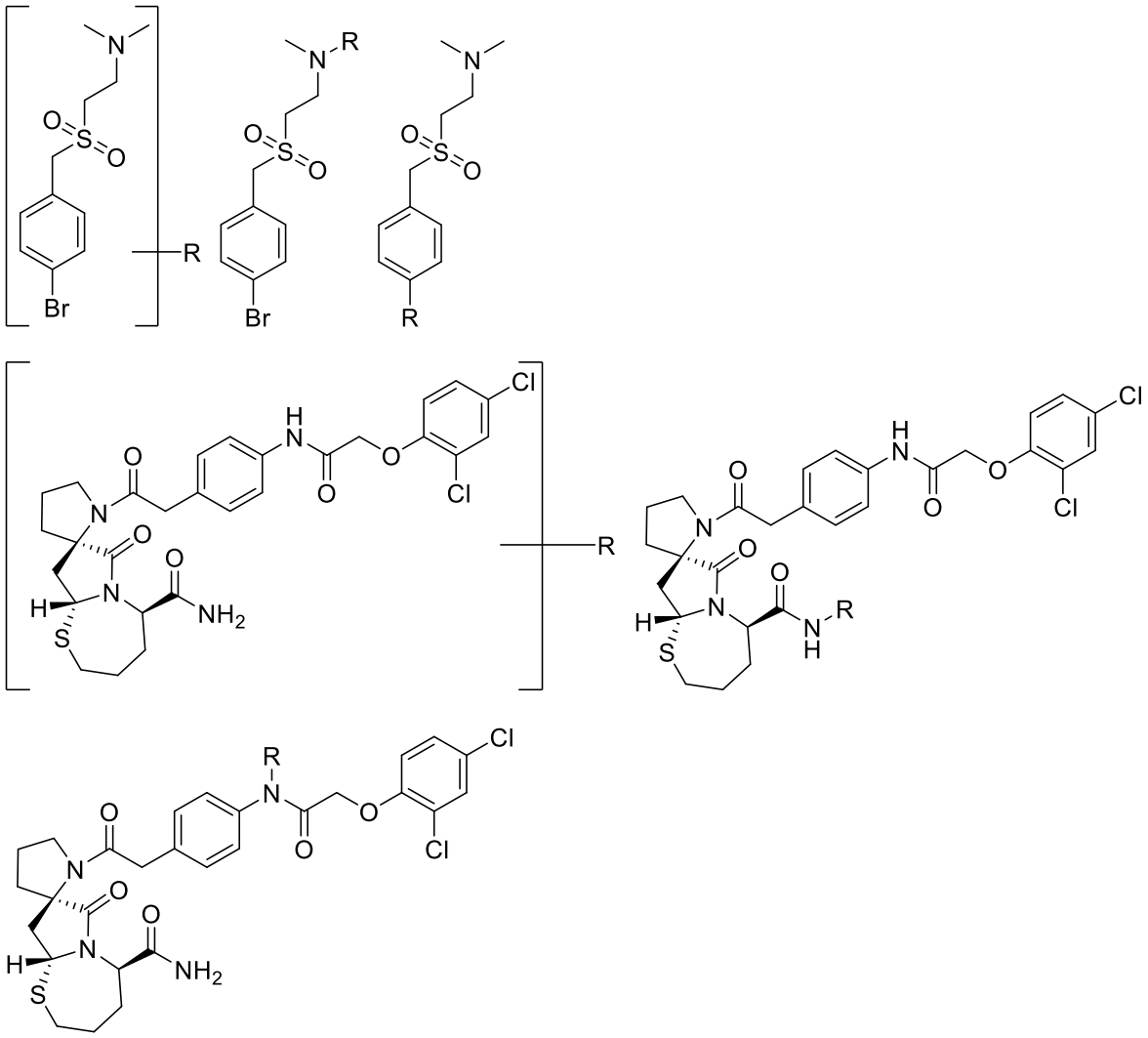


FIG. 59

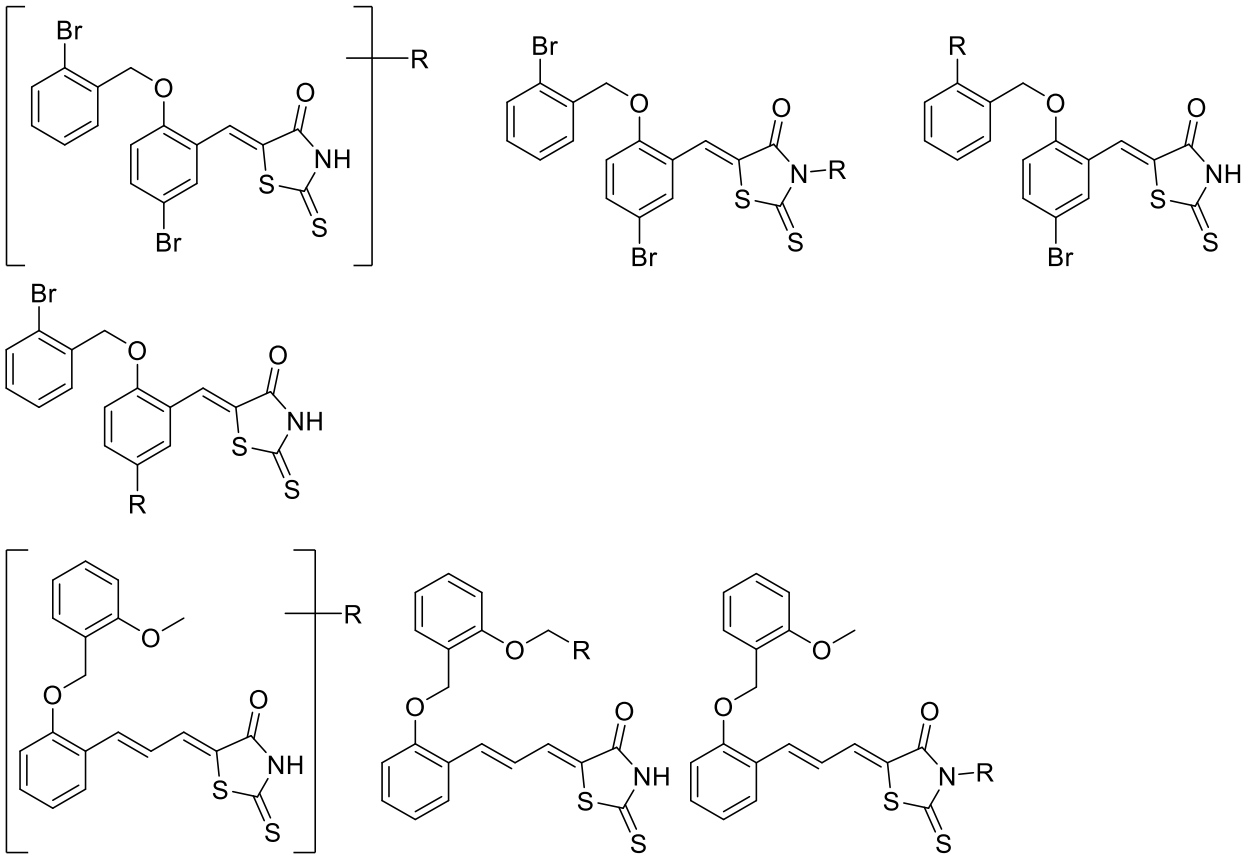


FIG. 60

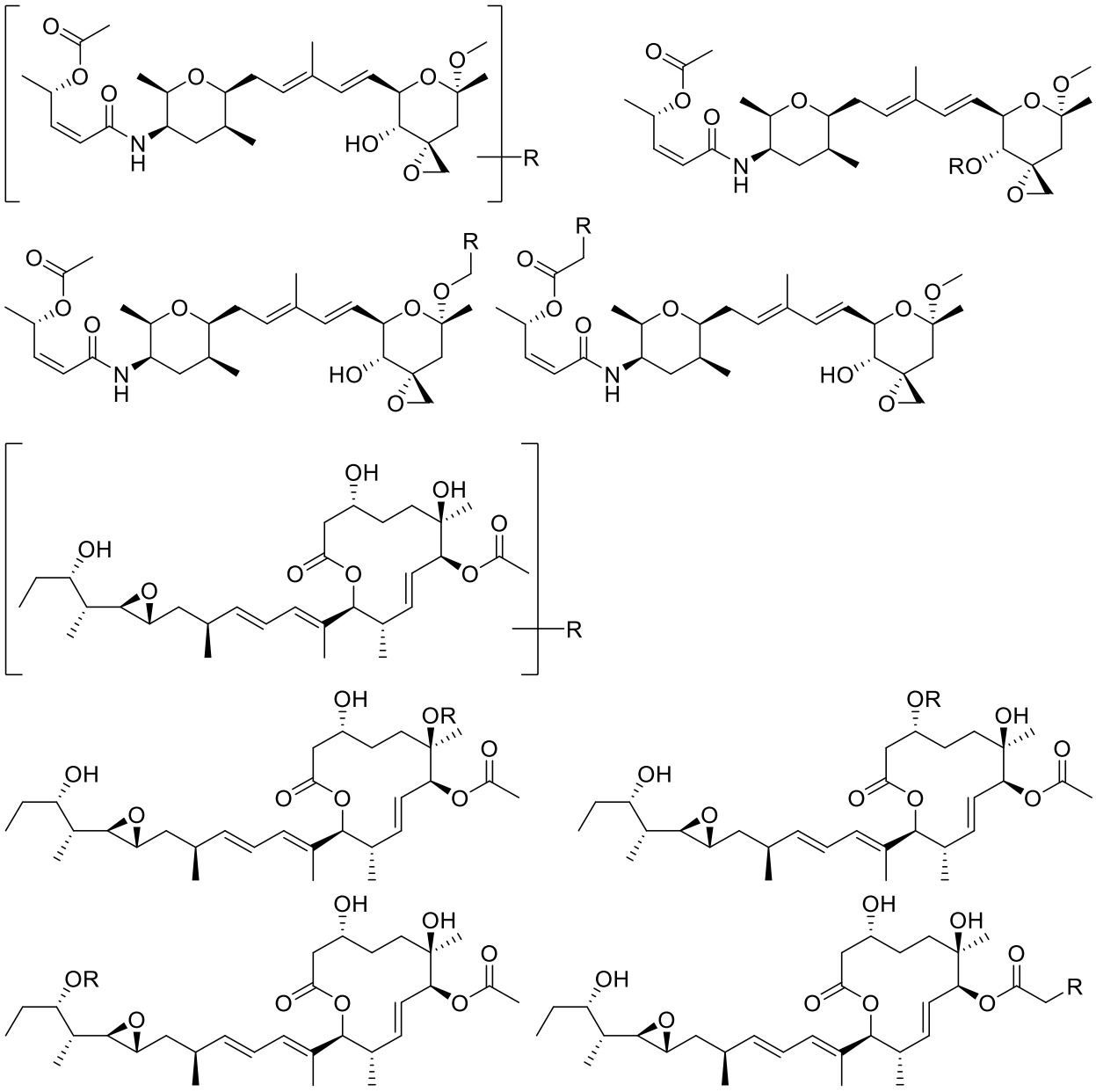


FIG. 61

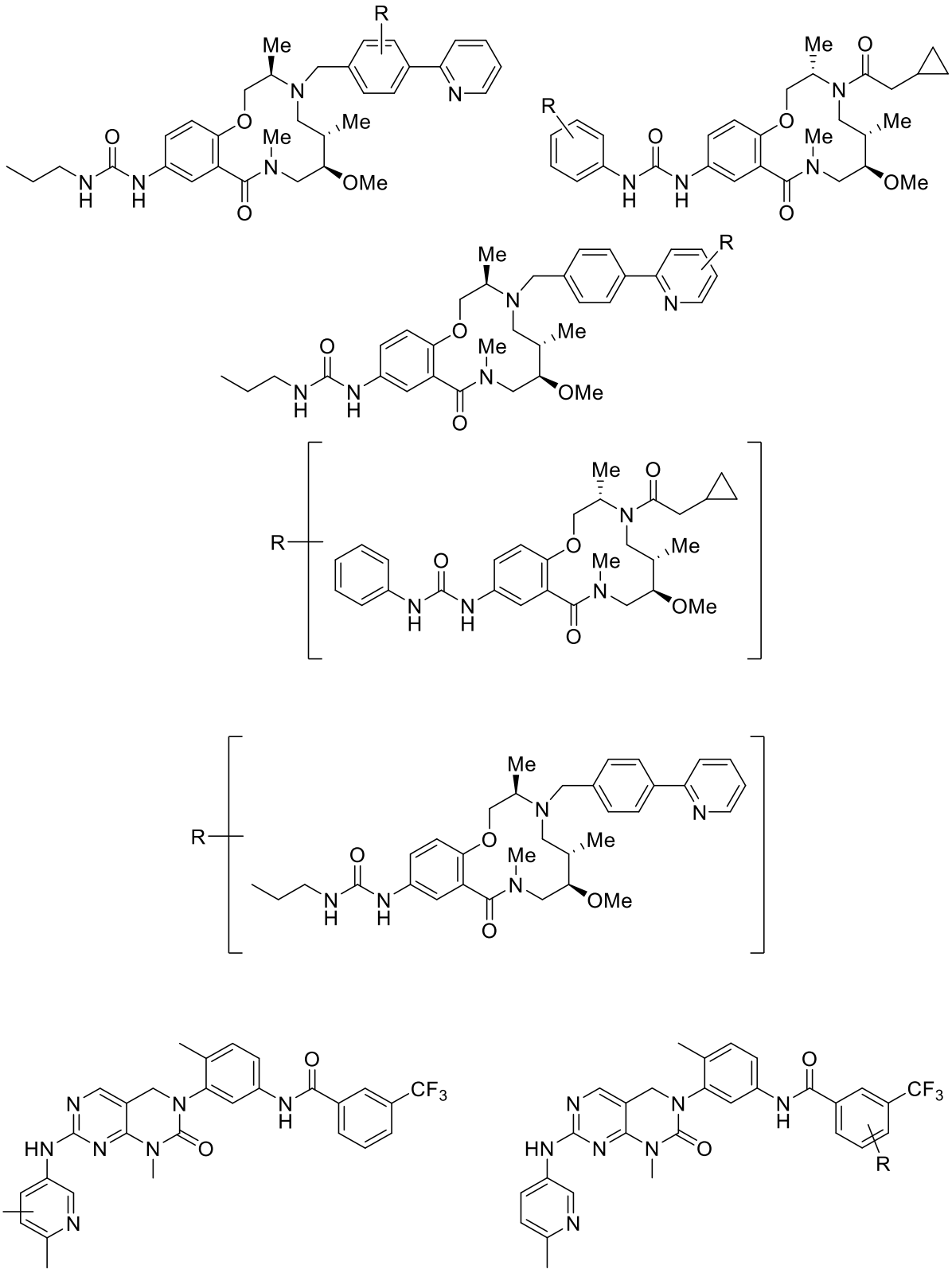


FIG. 62

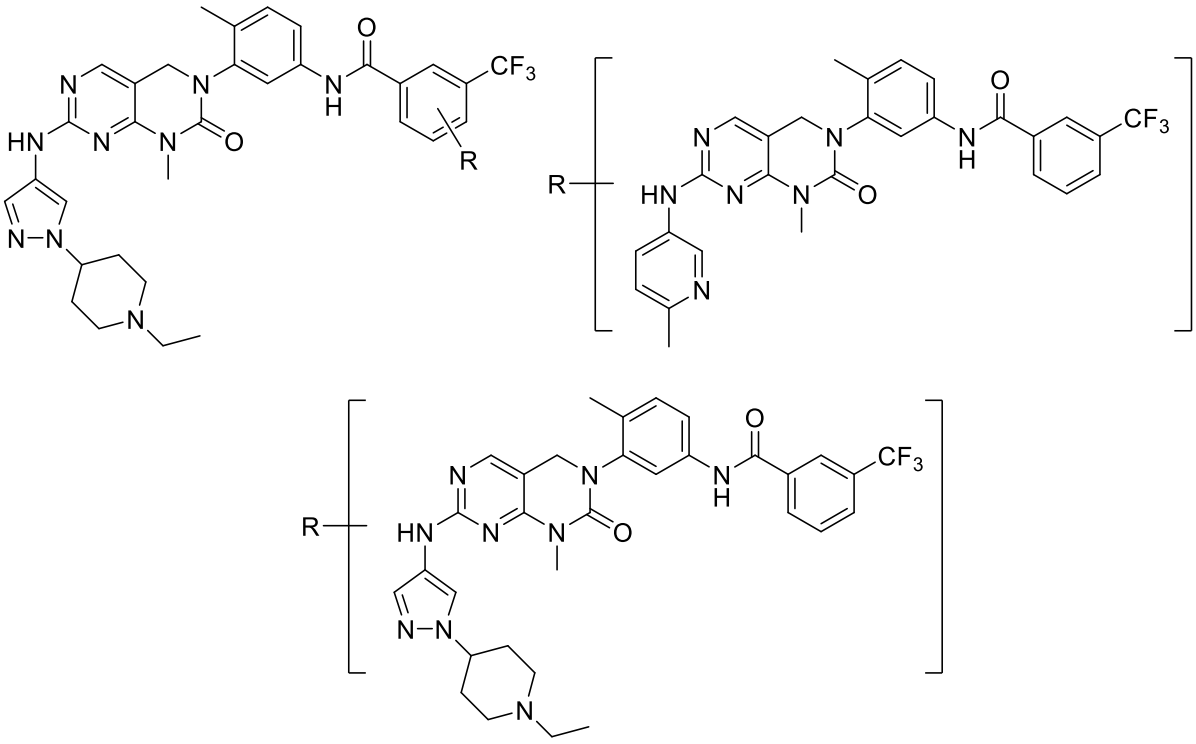
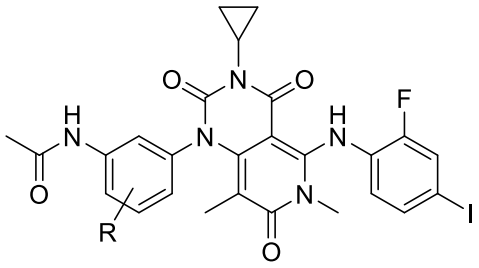
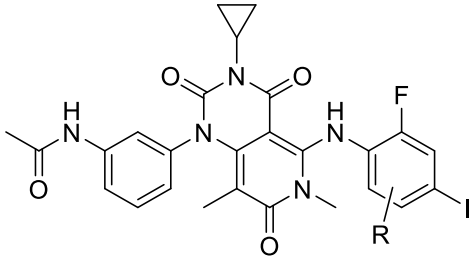
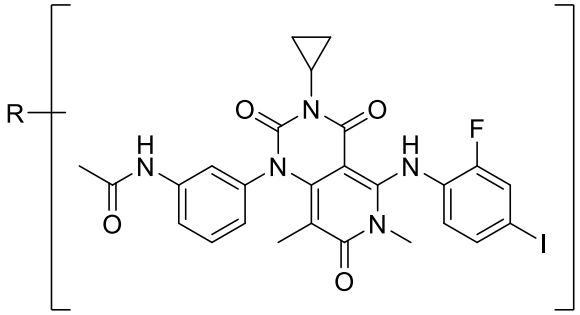
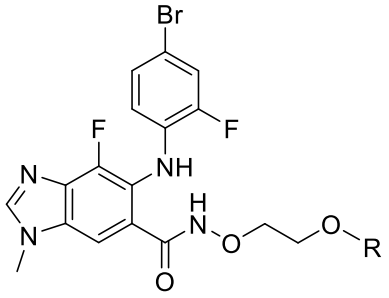


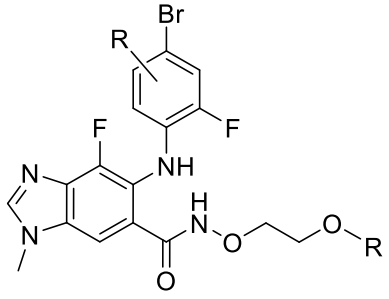
FIG. 63











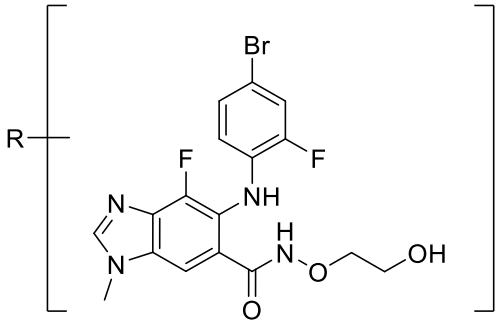


FIG. 64A

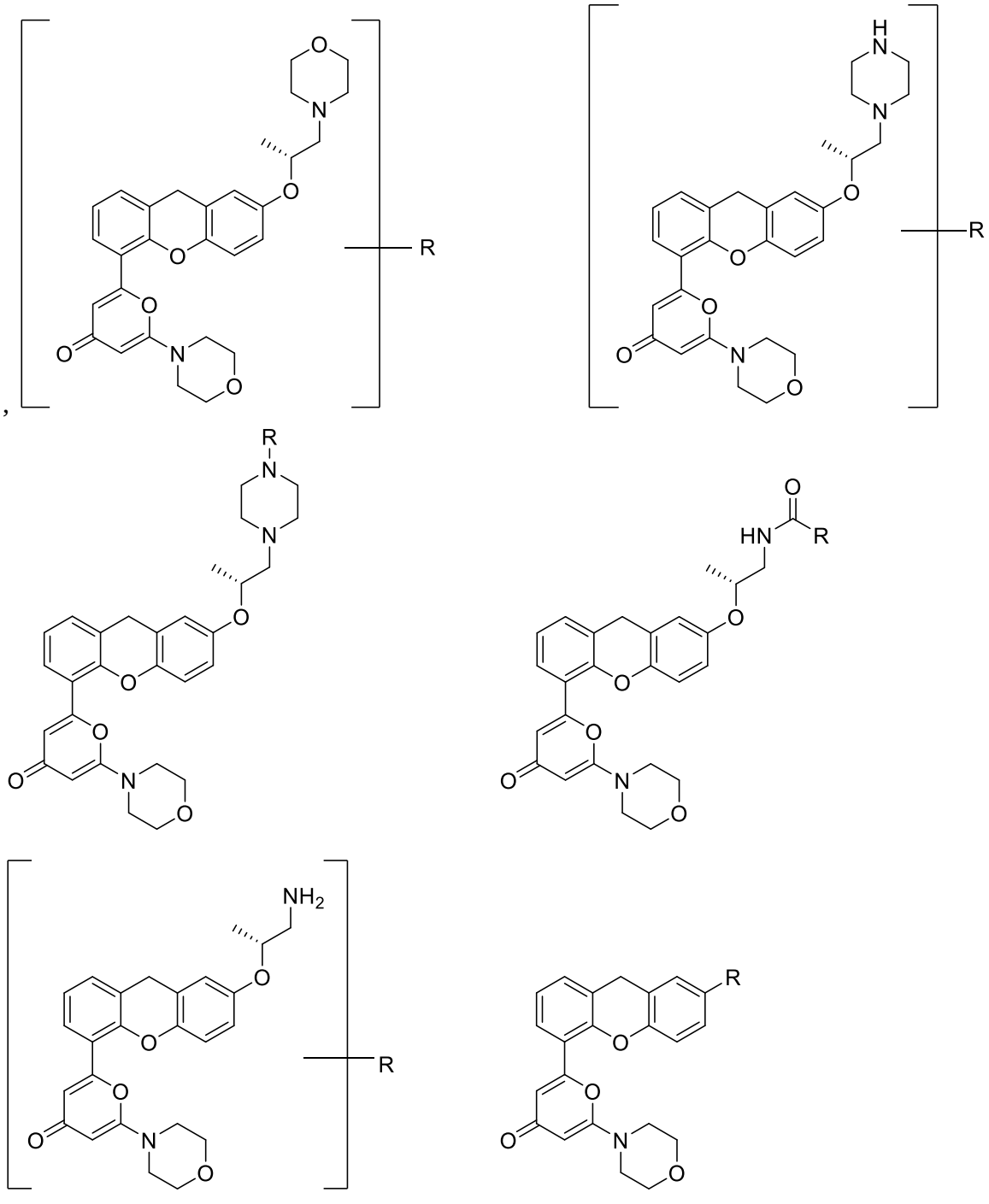


FIG. 64B

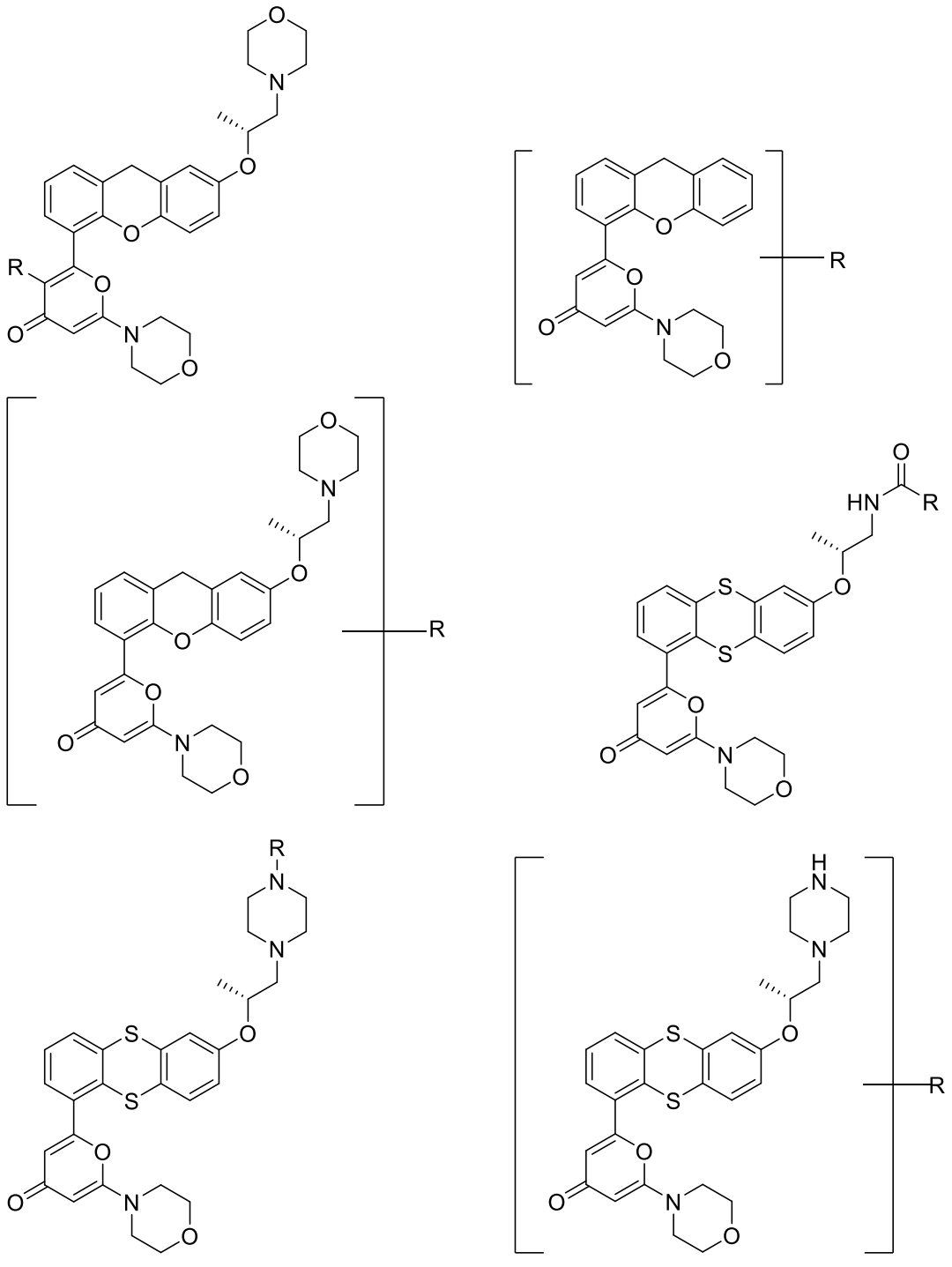


FIG. 64C

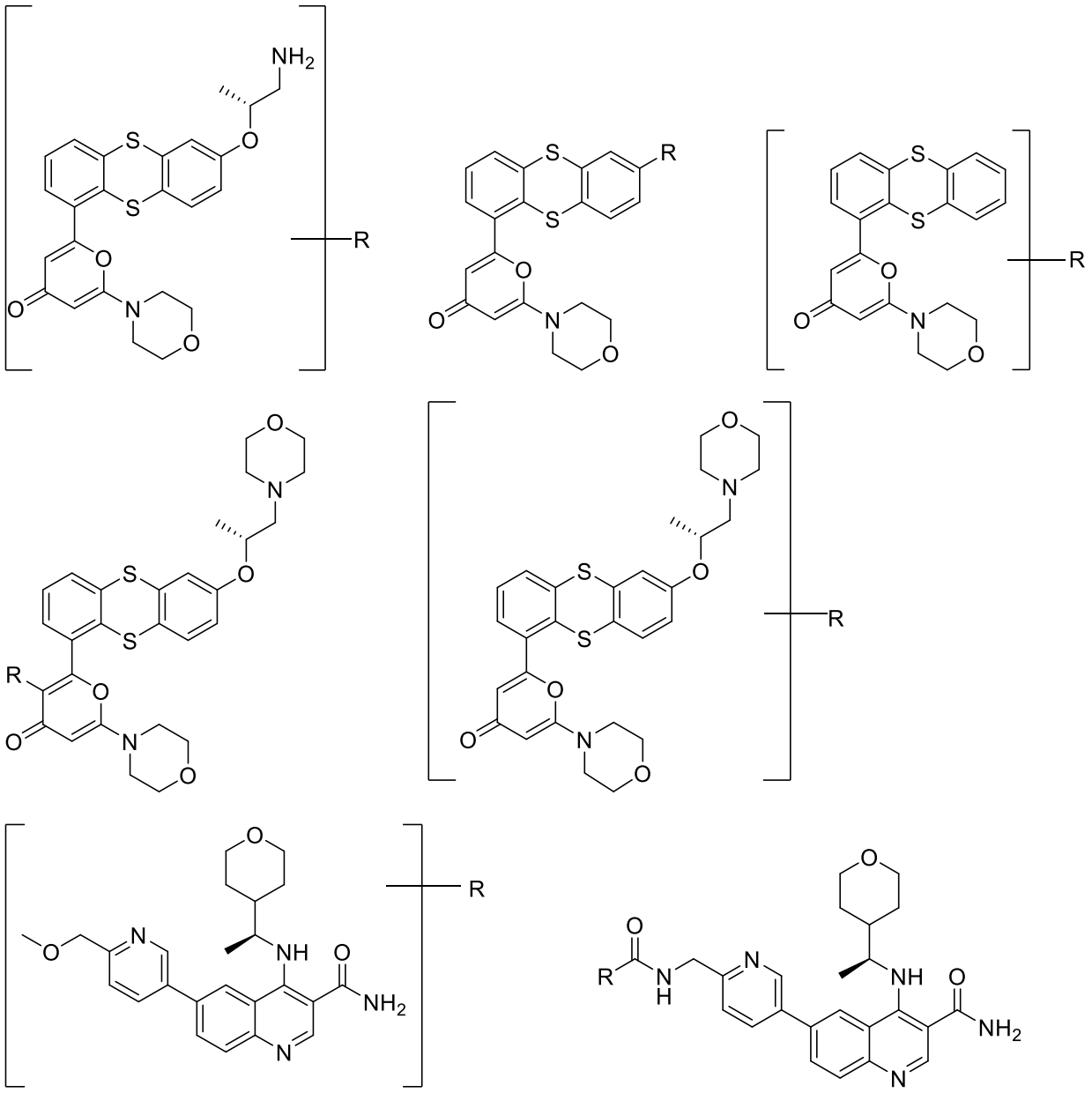


FIG. 64D

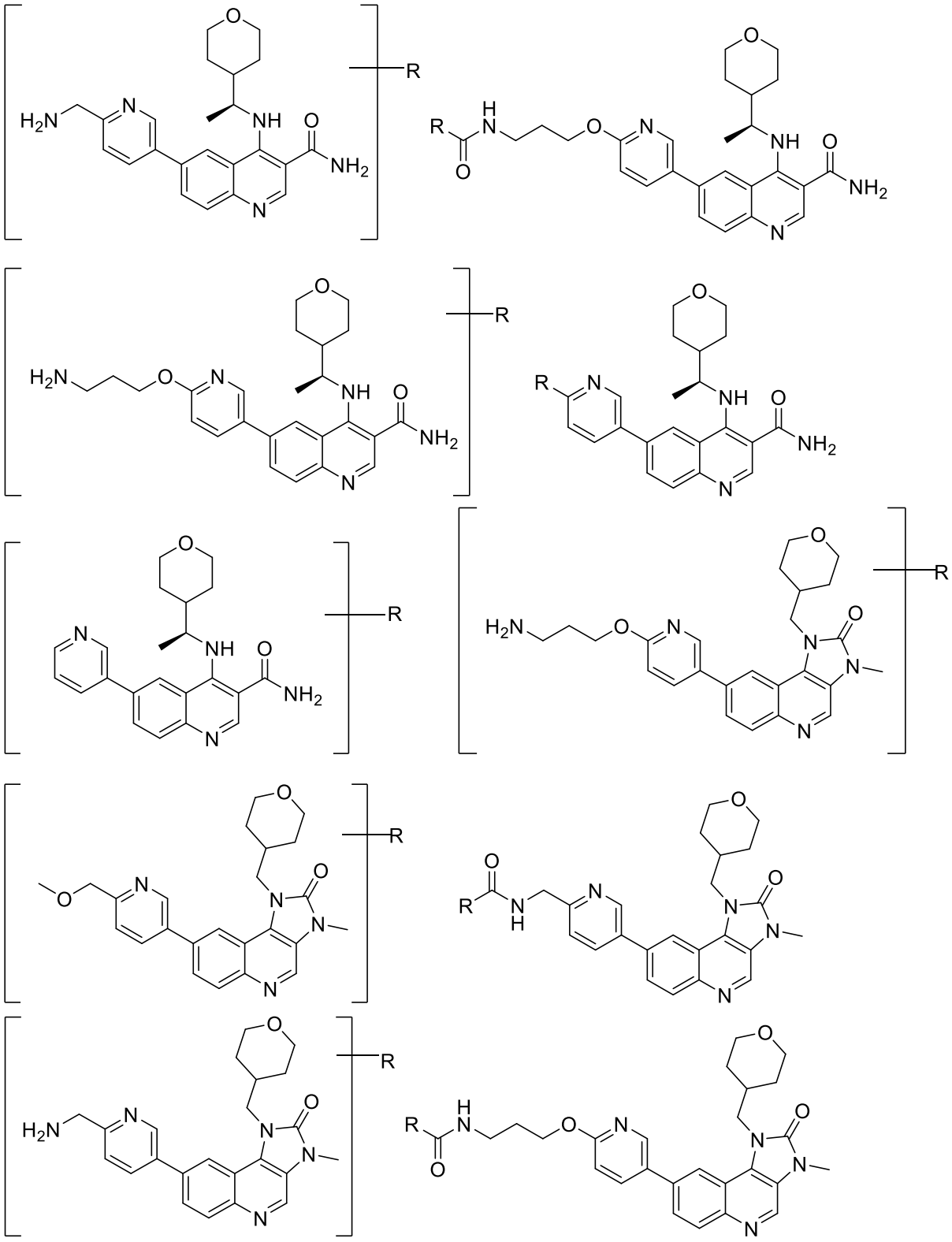


FIG. 64E

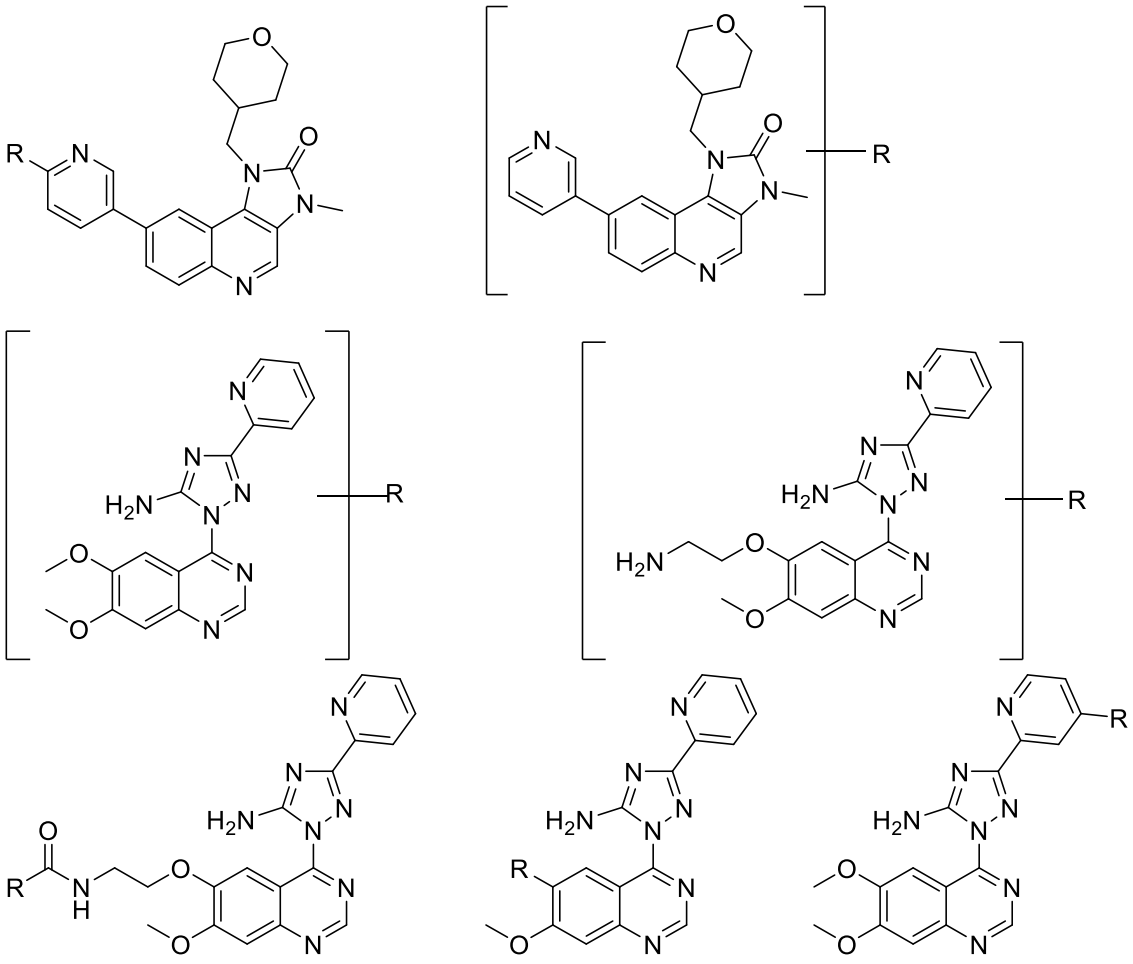


FIG. 65A

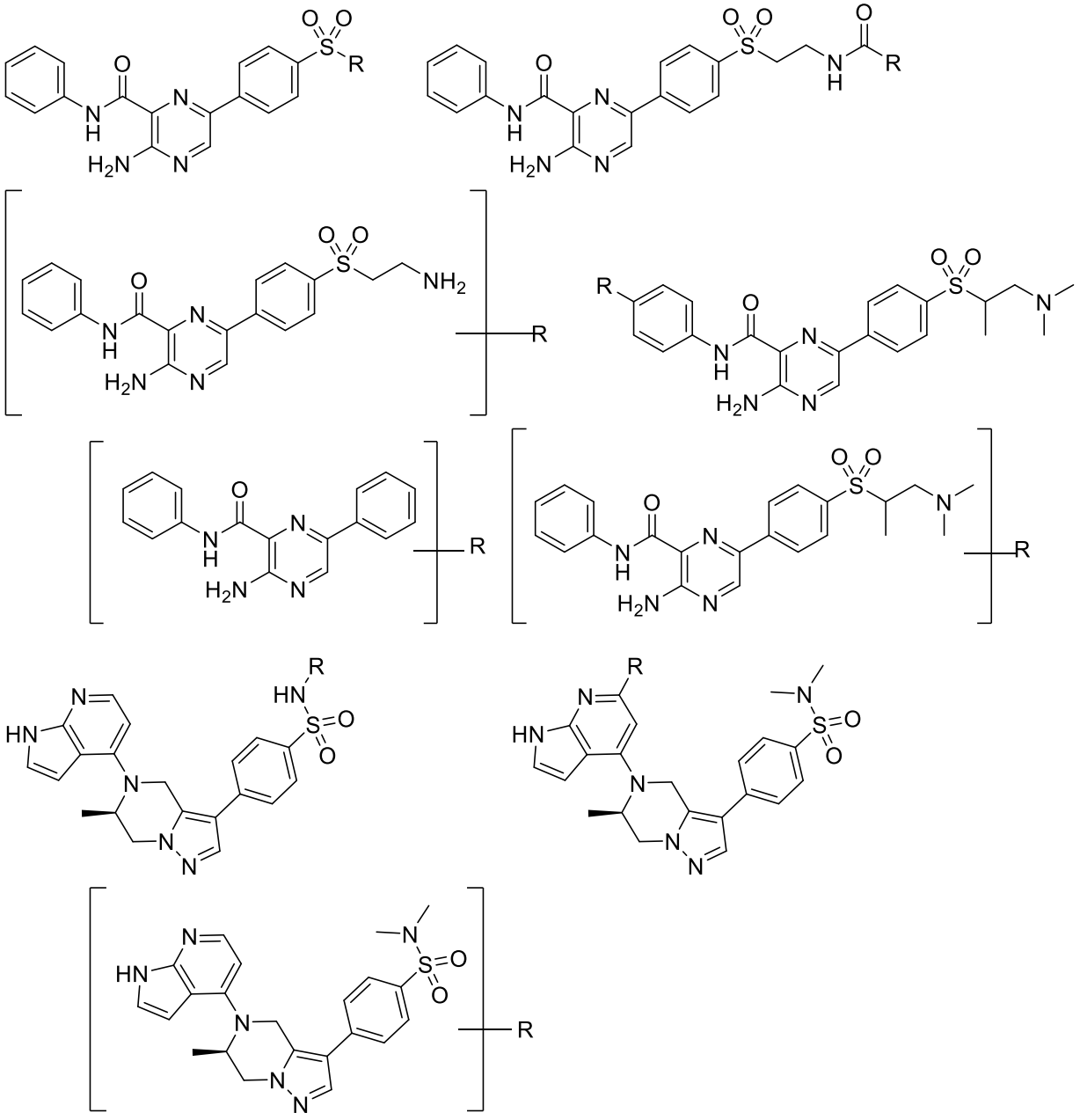


FIG. 65B

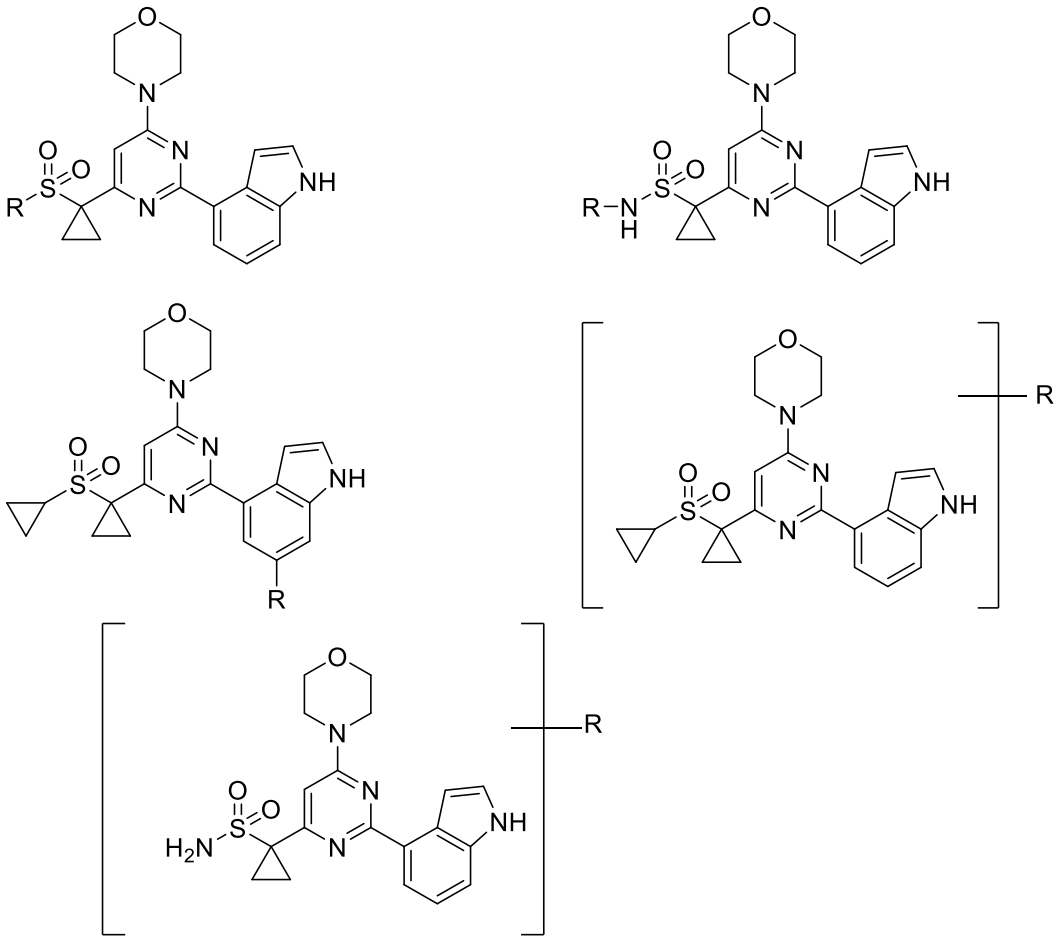


FIG. 66A

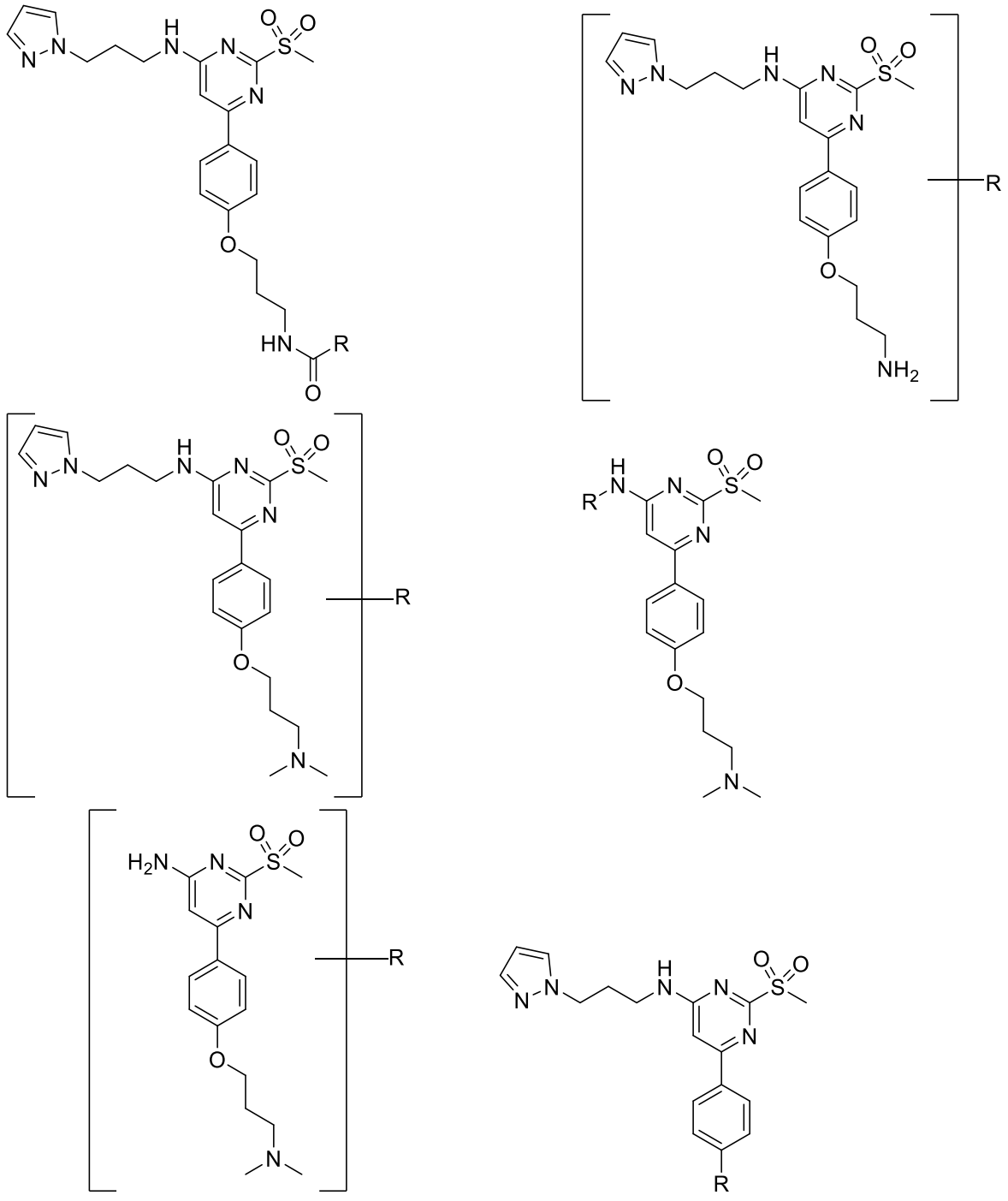


FIG. 66B

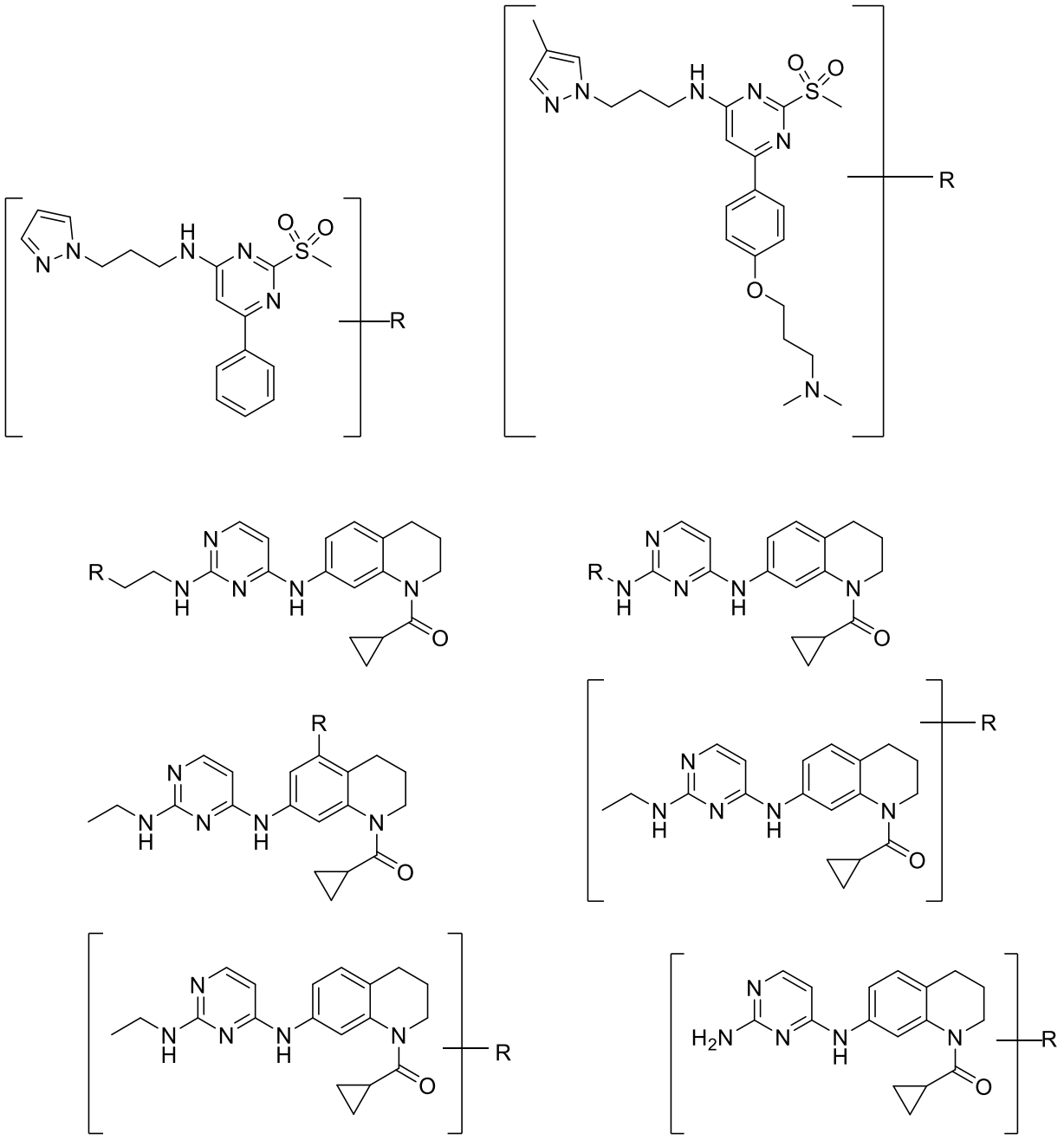
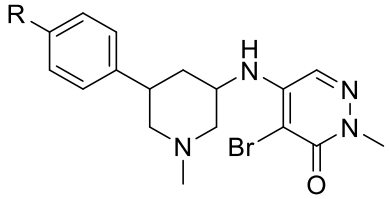
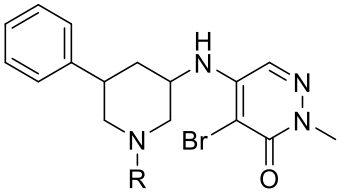
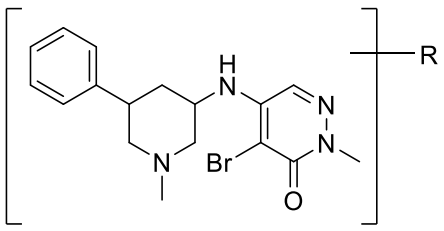


FIG. 66C







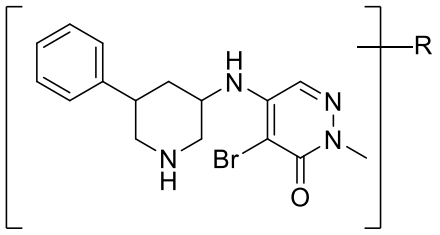


FIG. 67A

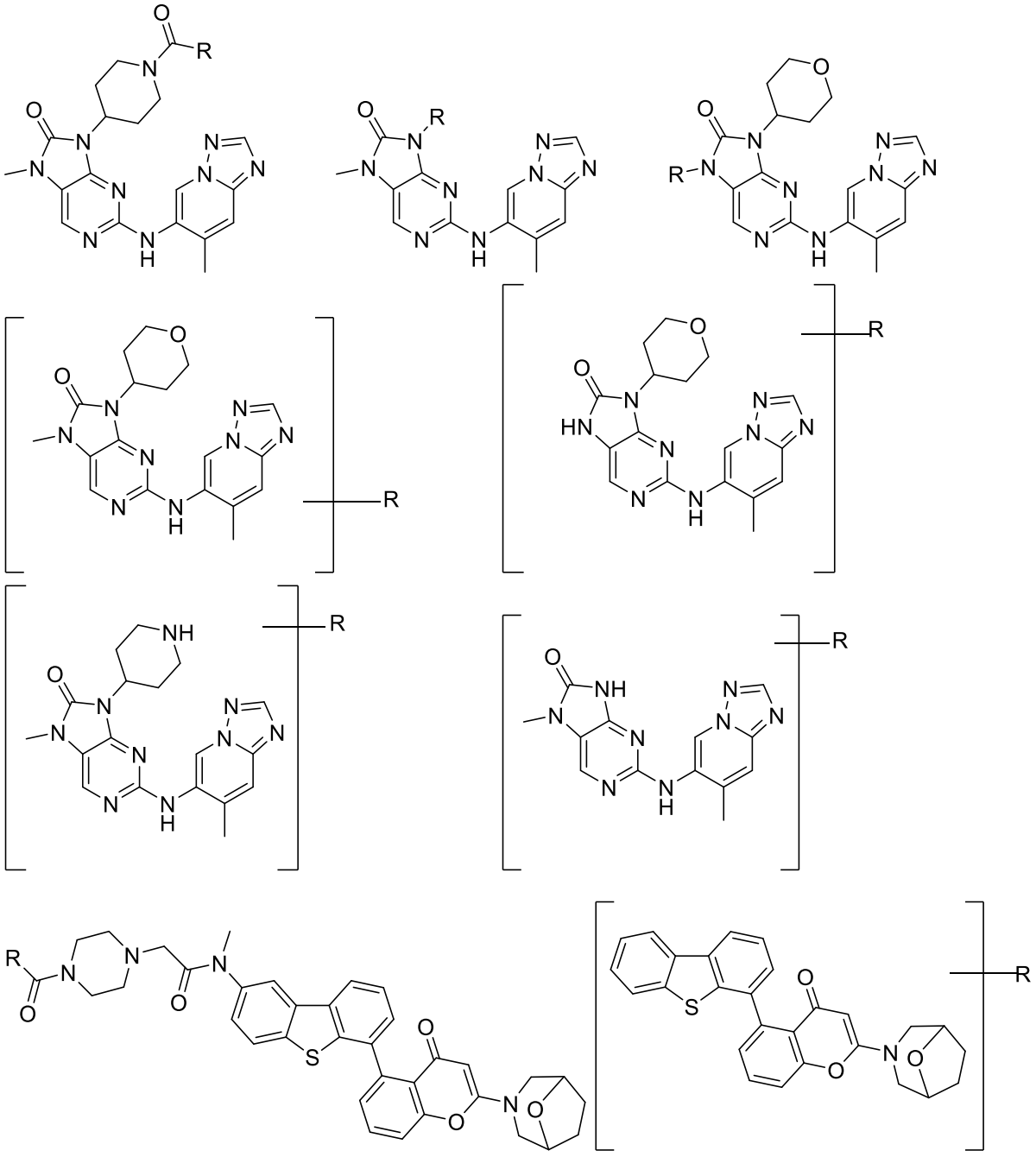


FIG. 67B

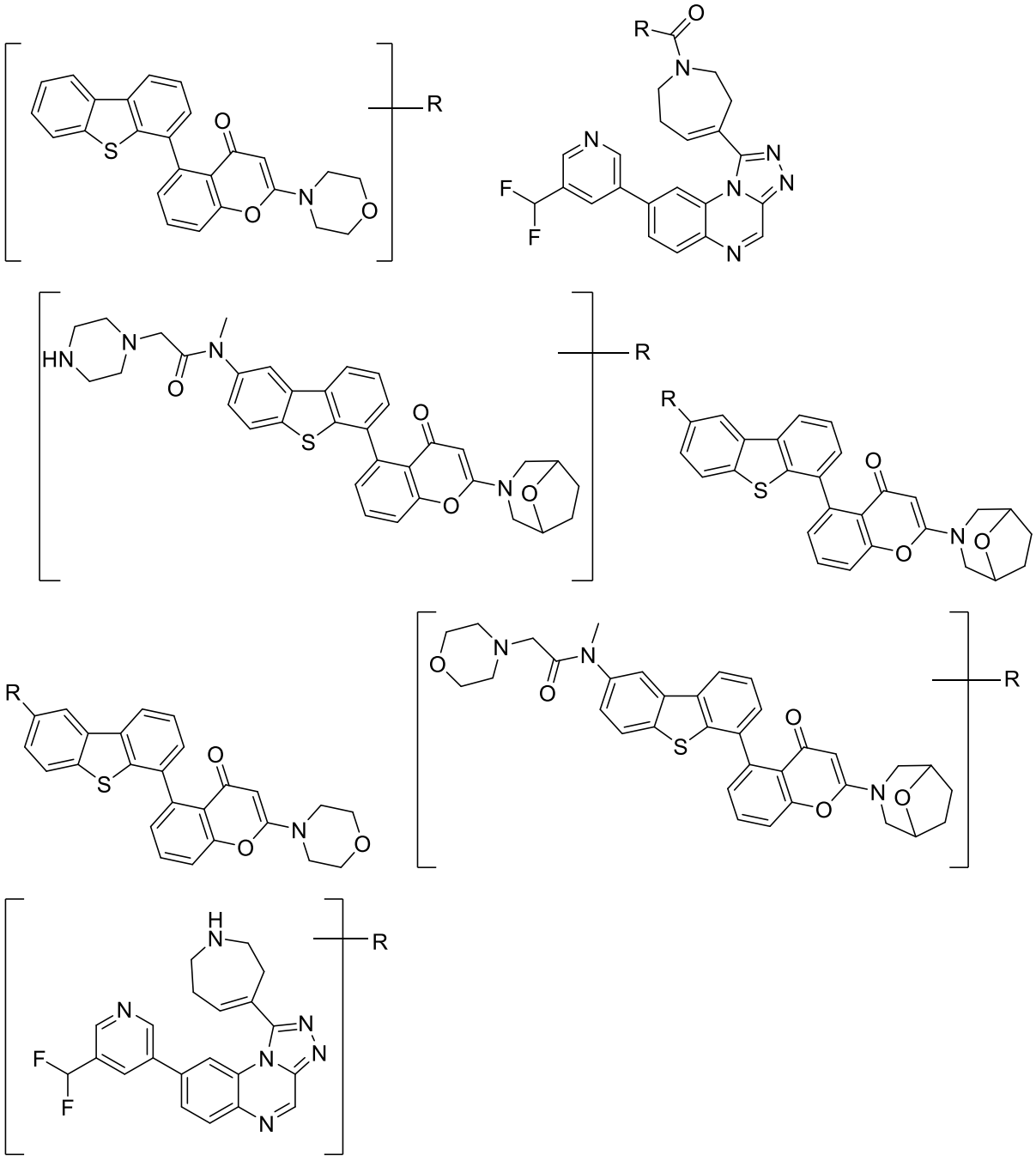


FIG. 68A

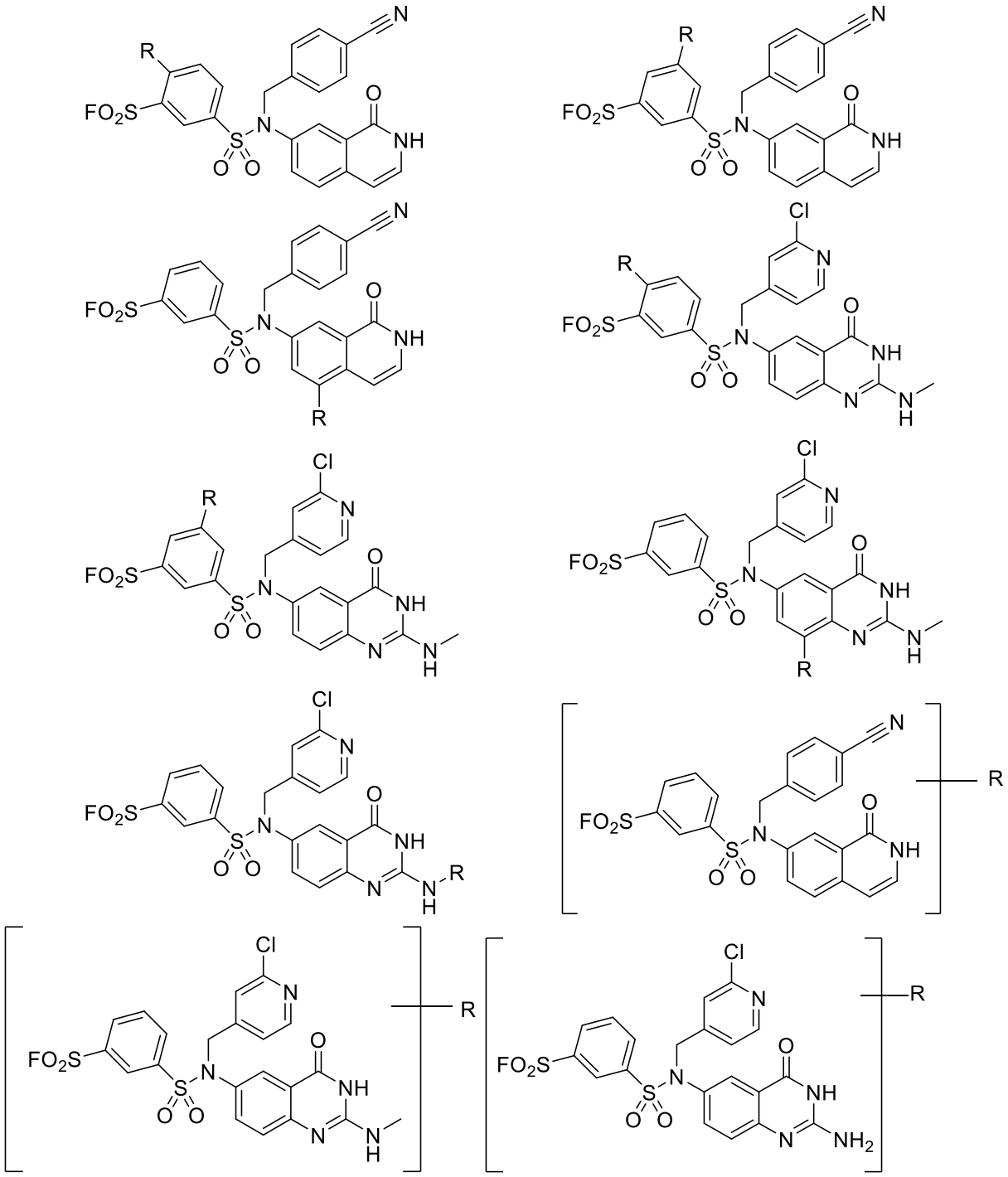


FIG. 68B

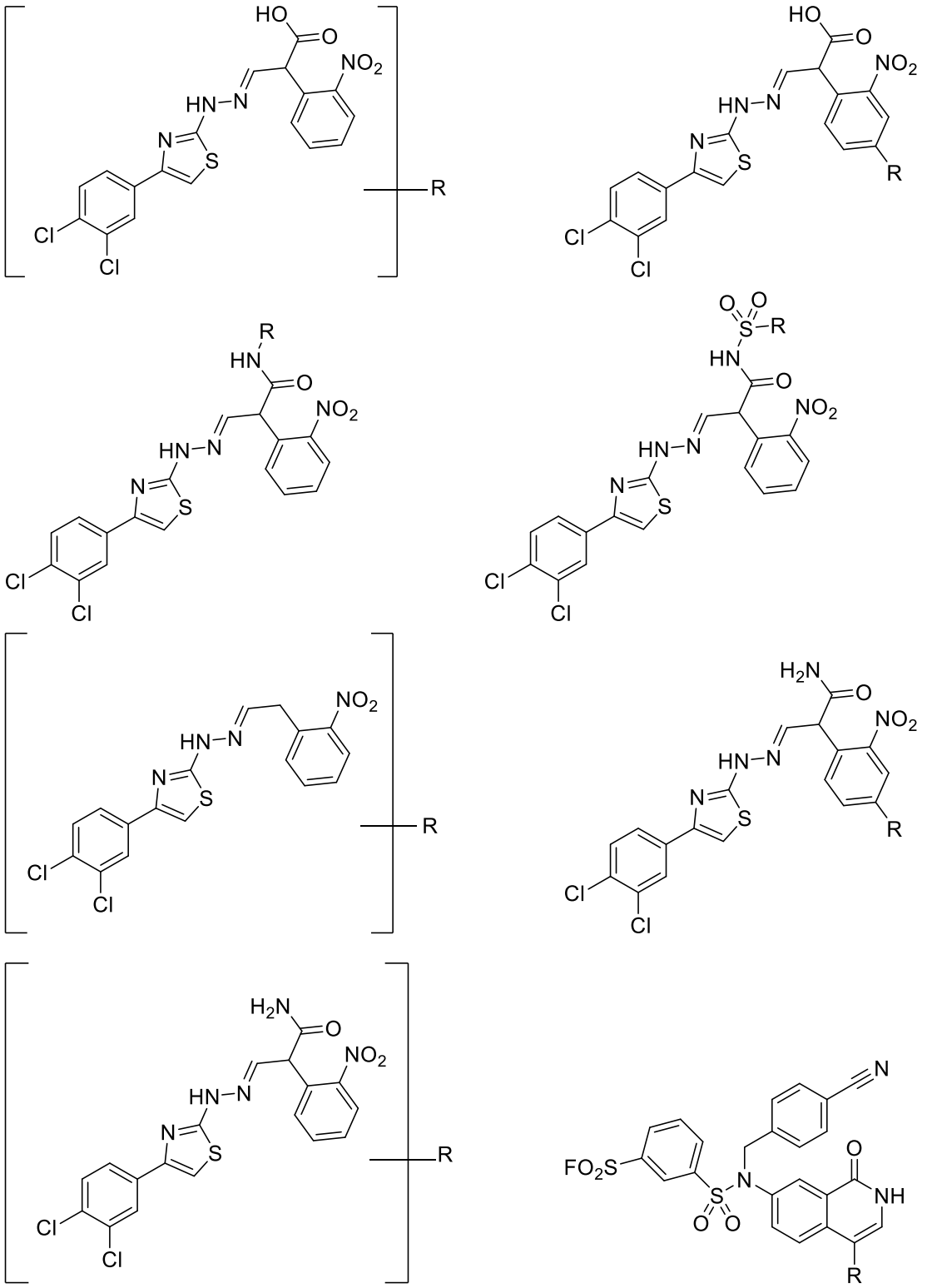


FIG. 69

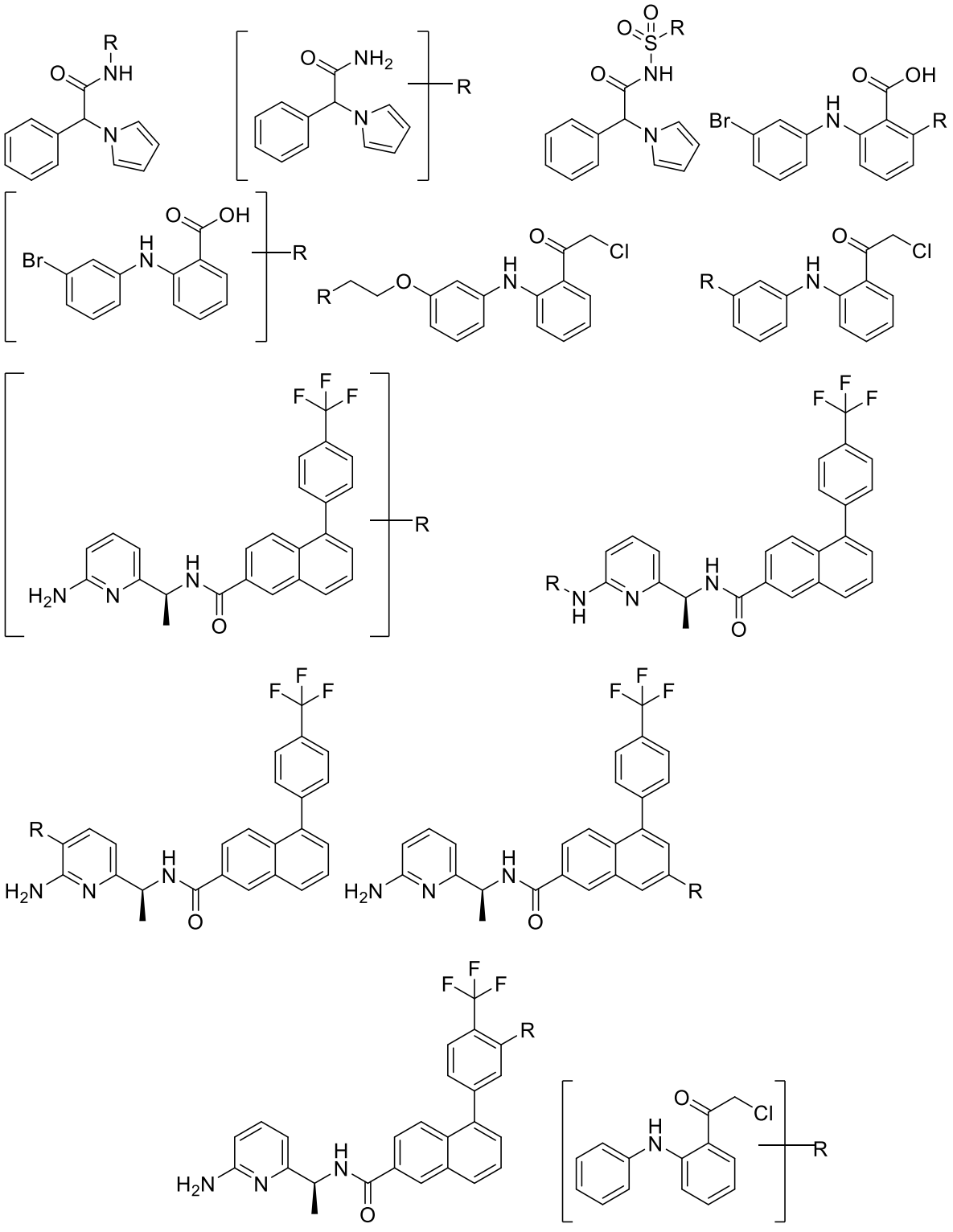


FIG. 70

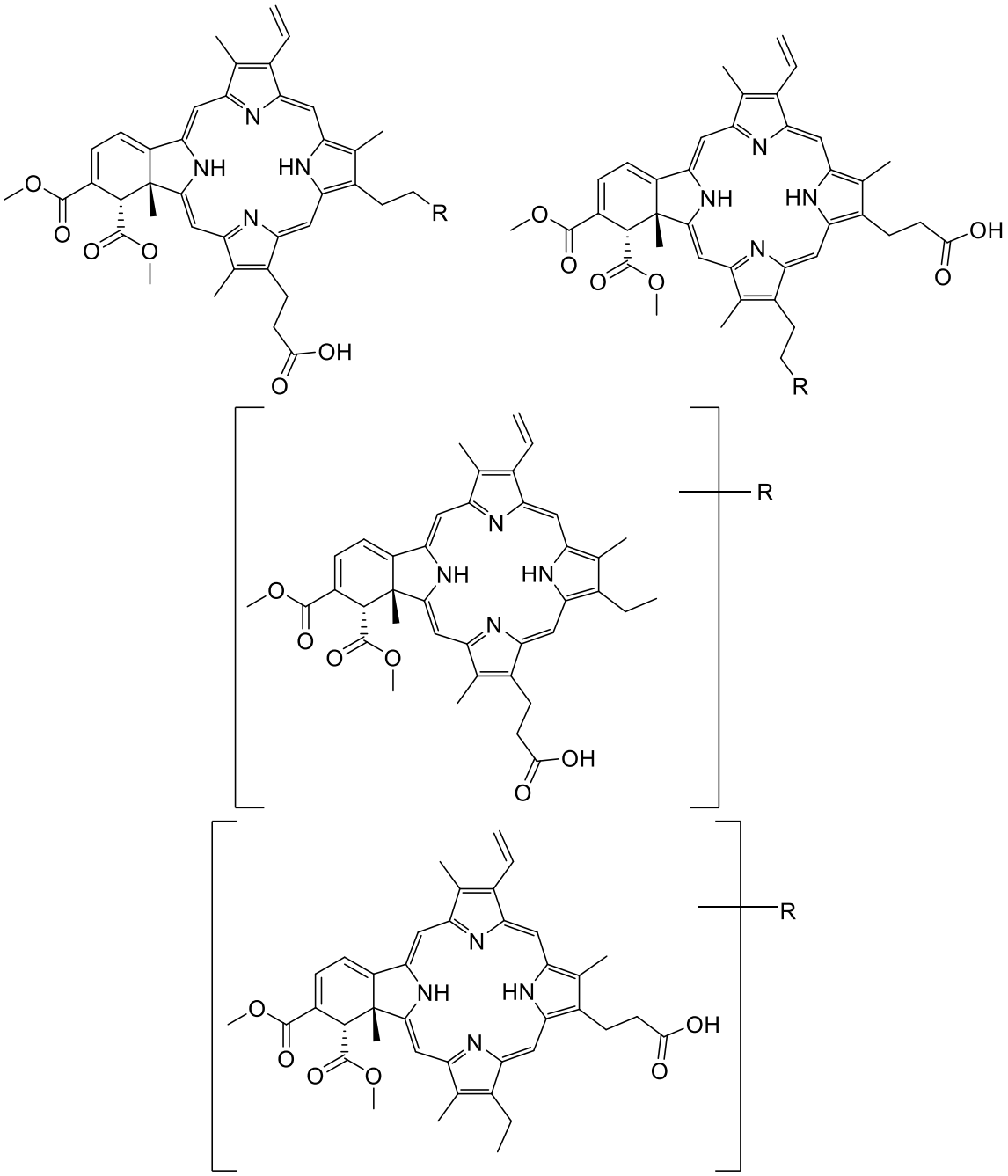

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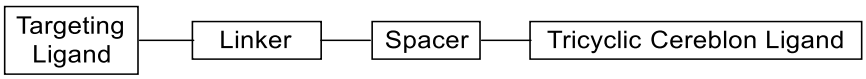
FIG. 71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