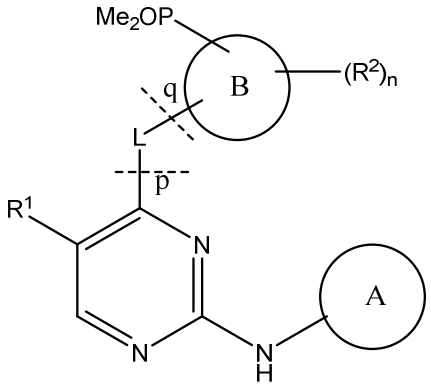
WHAT IS CLAIMED IS:

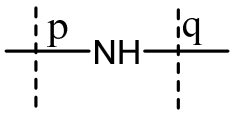
1. A compound of formula (I)

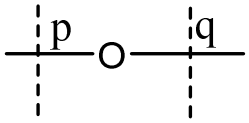


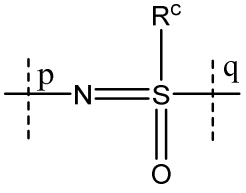
(I)

or a tautomer thereof, stereoisomer thereof, or a pharmaceutically acceptable salt thereof, wherein

R^1 is selected from chloro and $–CONH_2$;

L is selected from 

, 

and 

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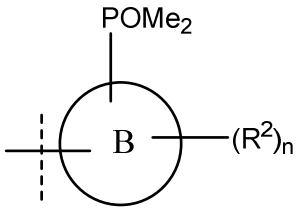
p and q are the point of attachments;

R^c is selected from $C_{1\text{-}8}$ alkyl;



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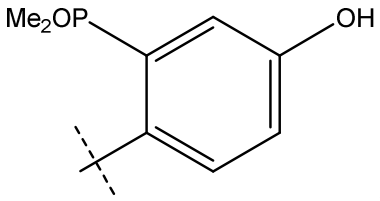
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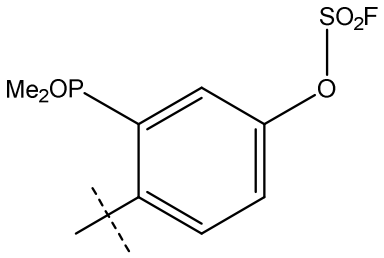
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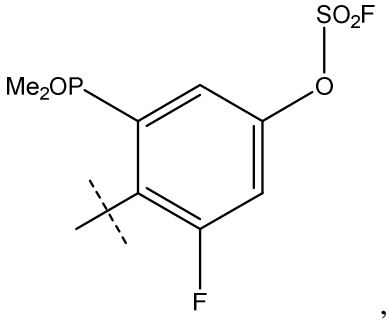
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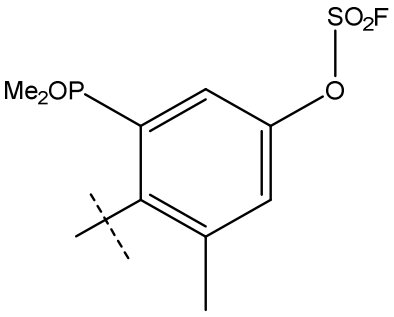
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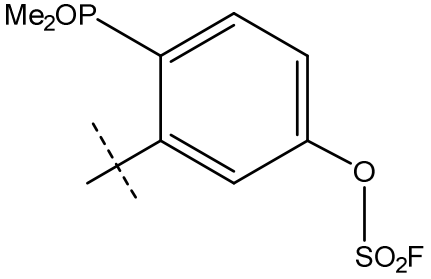
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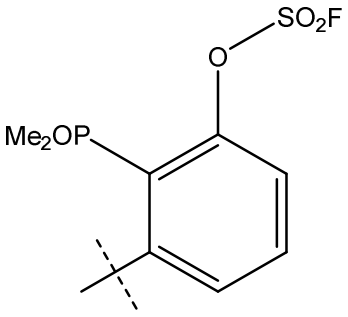
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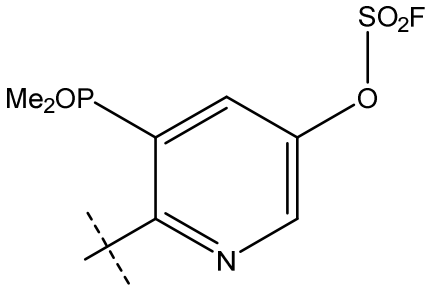
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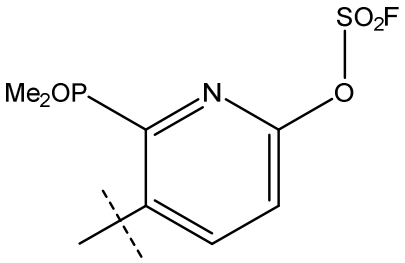
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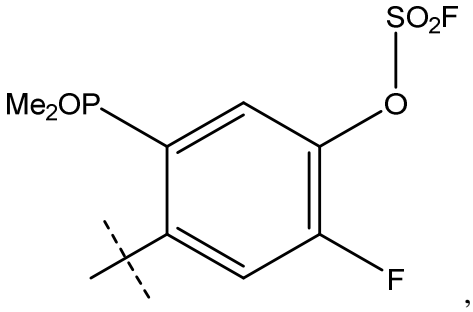
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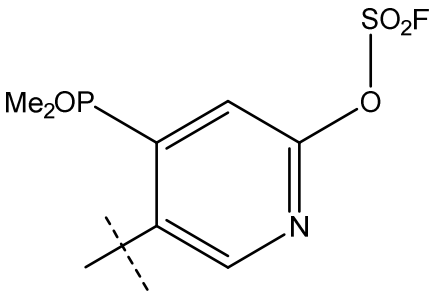
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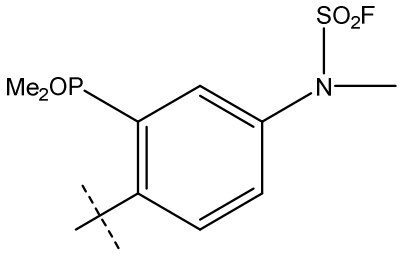
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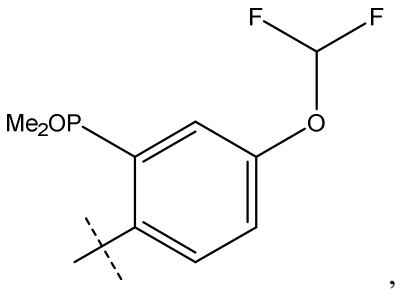
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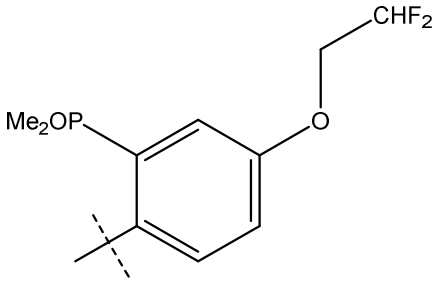
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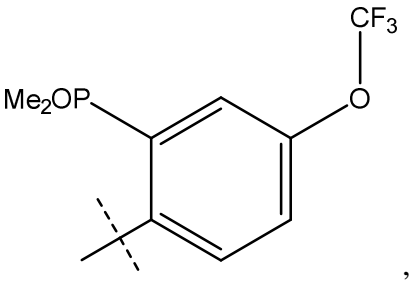
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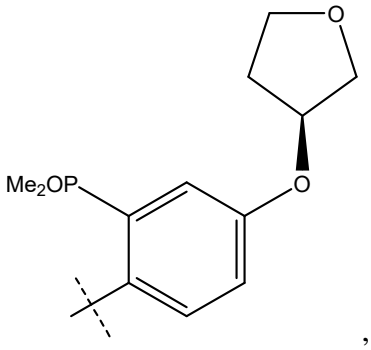
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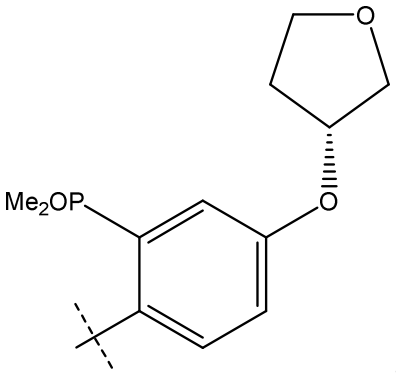
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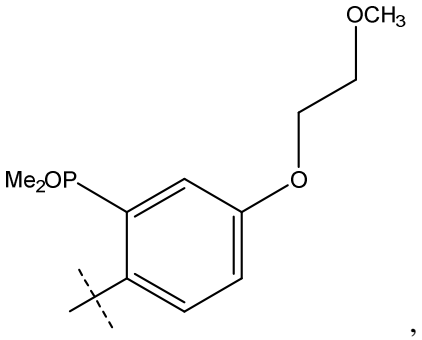
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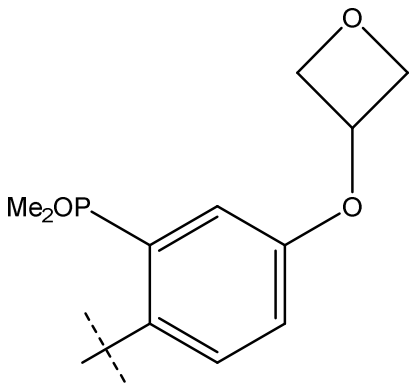
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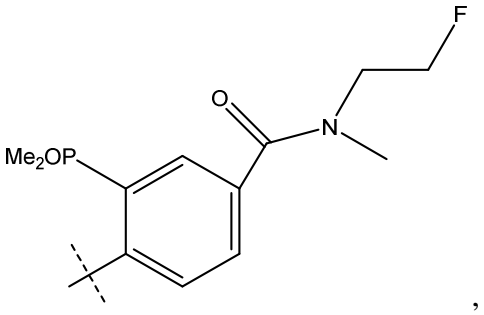
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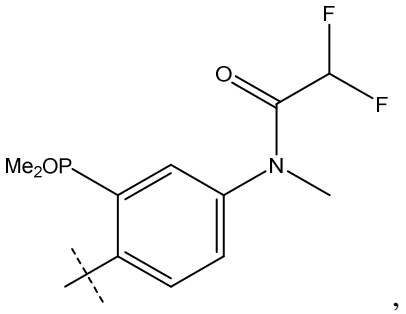

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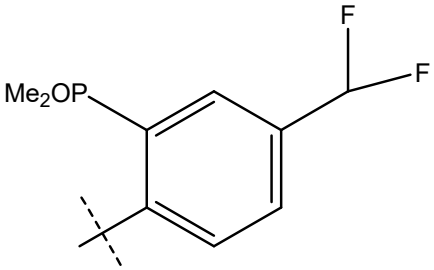

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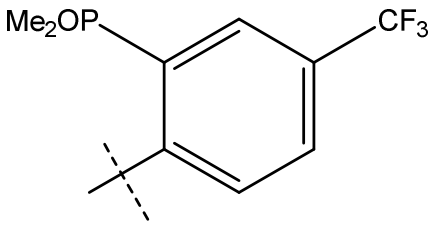

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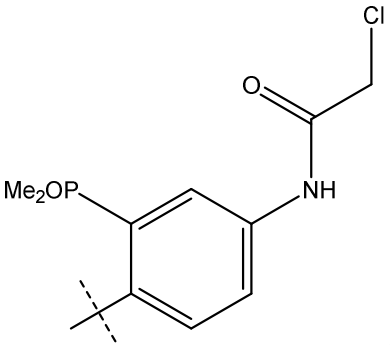

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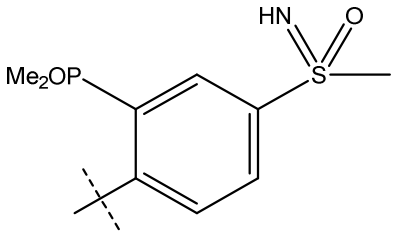

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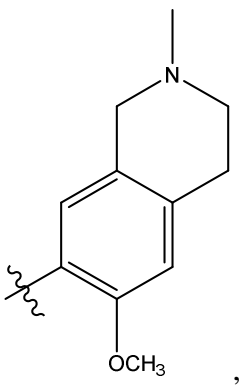
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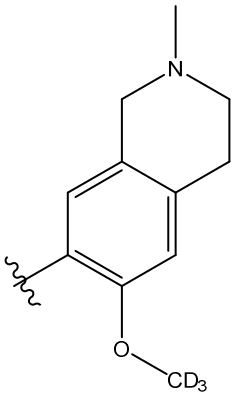
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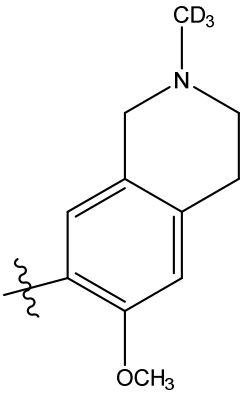
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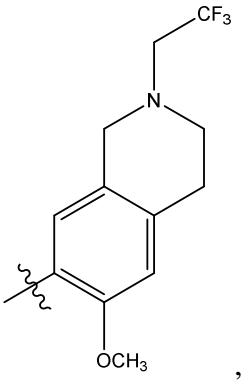
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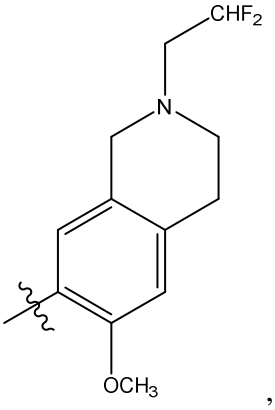
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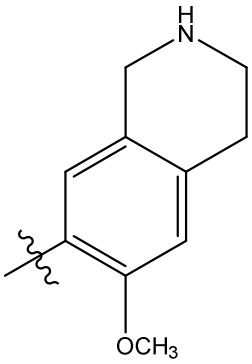
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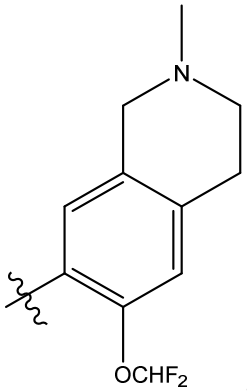
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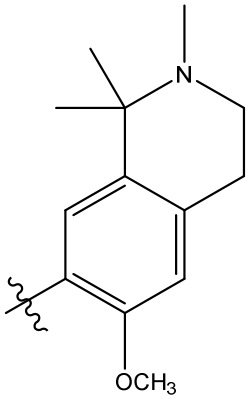
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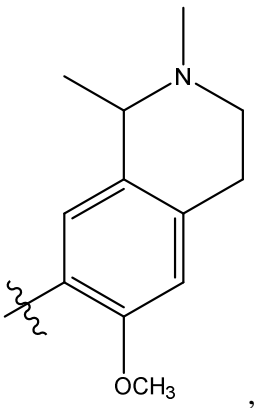
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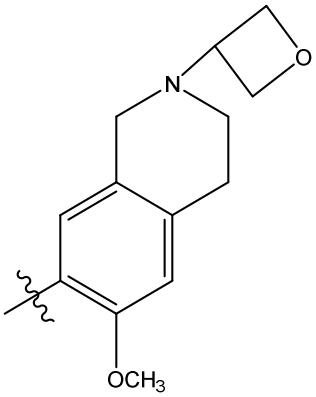
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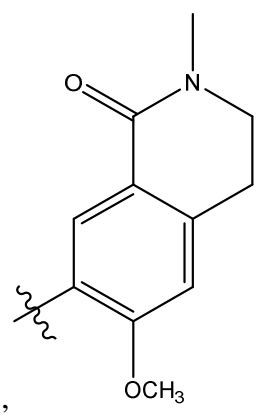
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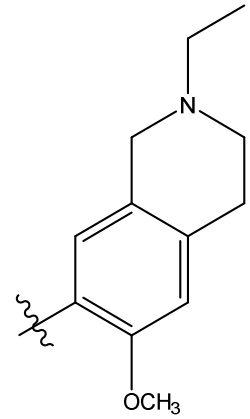
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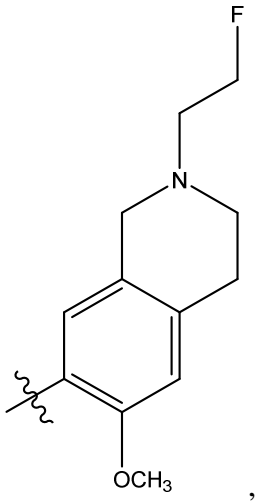
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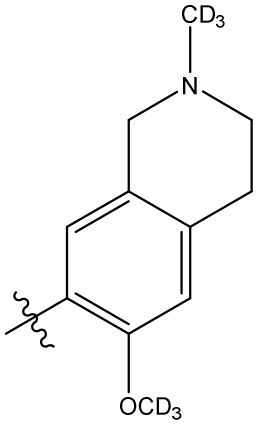
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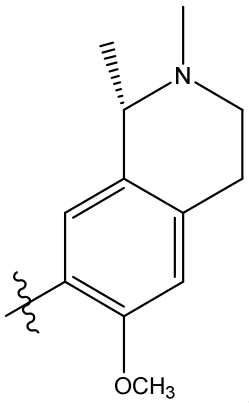
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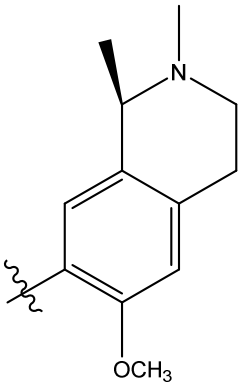
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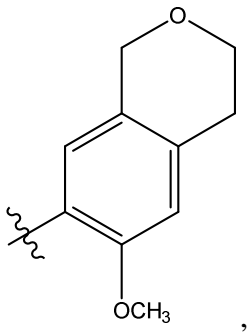
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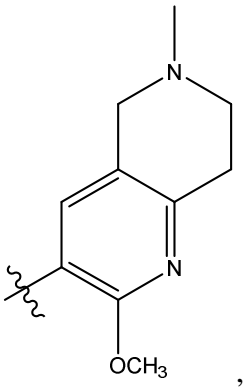
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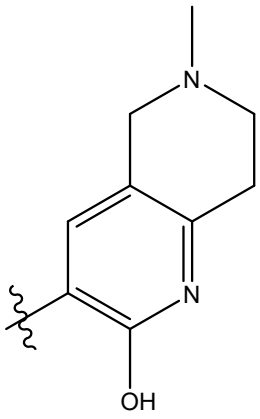
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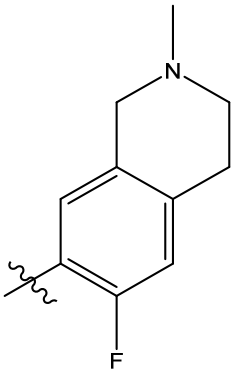
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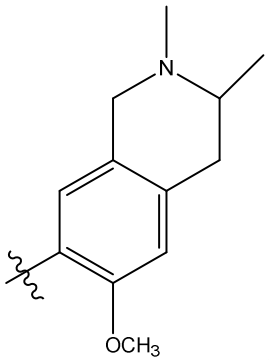
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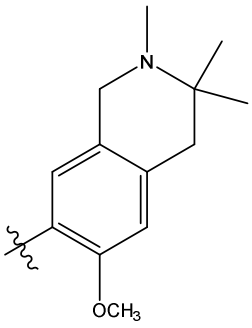
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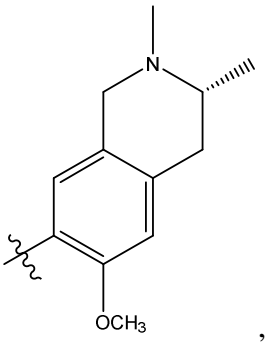
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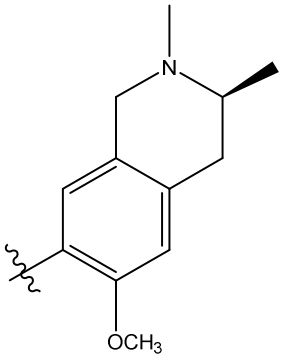
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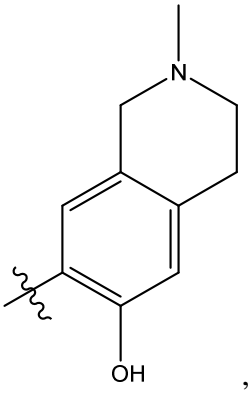

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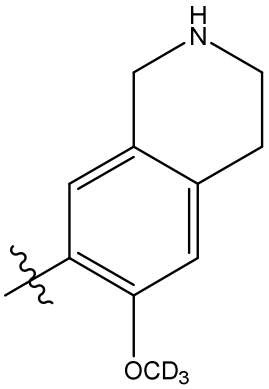

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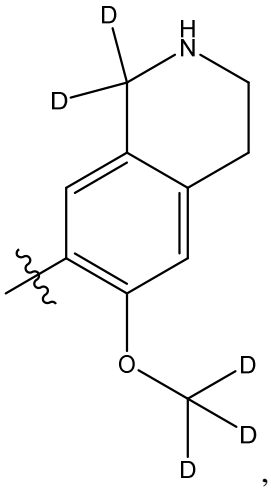

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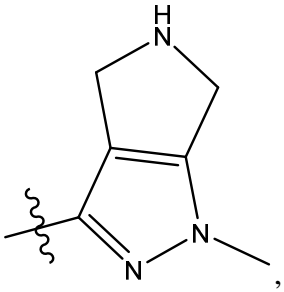

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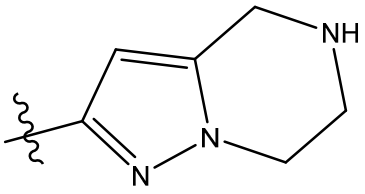

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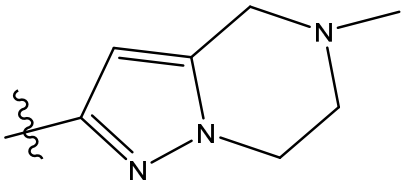

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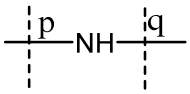
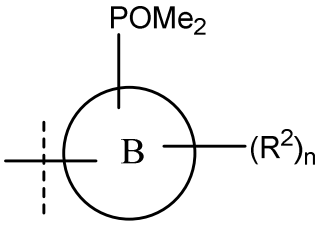
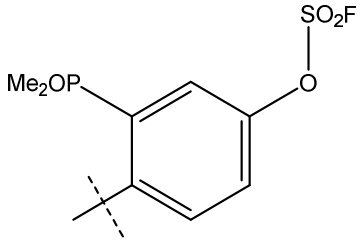
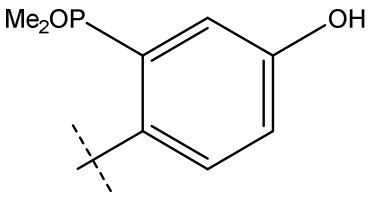
2. The compound according to claim 1, wherein L is 

.

3. The compound according to claim 1,

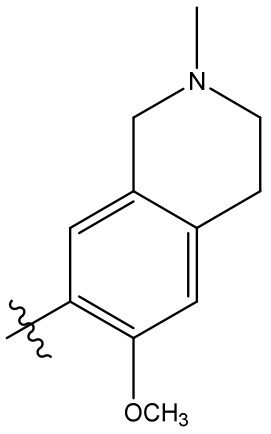
wherein 

is 

or 

.

4. The compound according to claim 1, wherein ring A is



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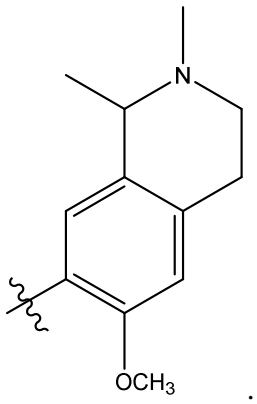
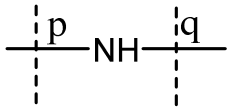


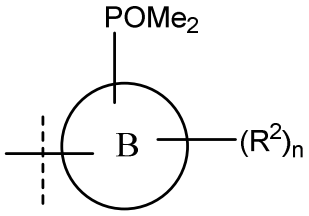
.

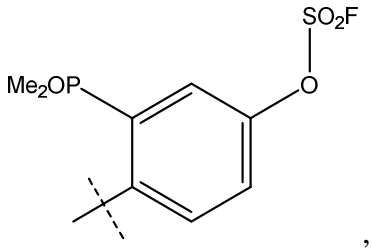
5. The compound according to claim 1, wherein

R^1 is chloro,

L is 

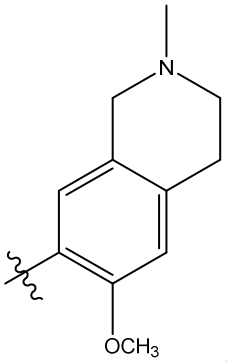
,



is 

,

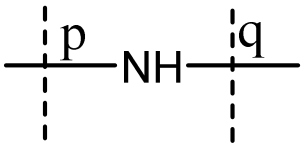
ring A is



.

6. The compound according to claim 1, wherein

R^1 is chloro,

L is 

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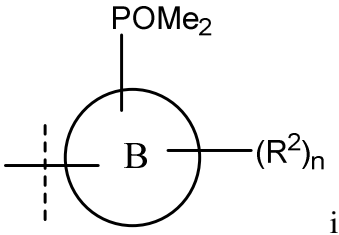
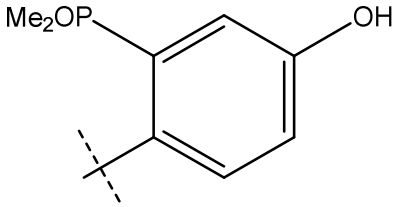
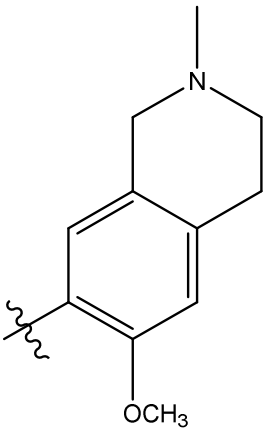
5 

is 

,

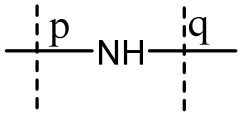
ring A is



.

10 7. The compound according to claim 1, wherein

R^1 is chloro,

L is 

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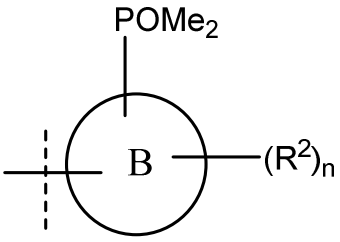
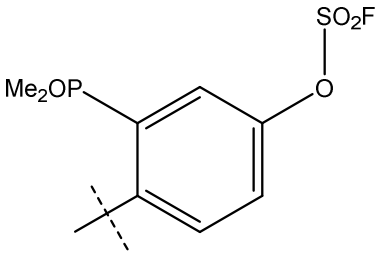
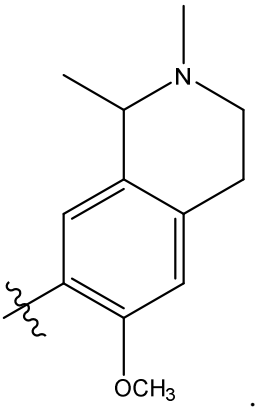


is 

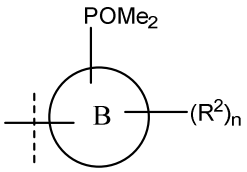
,

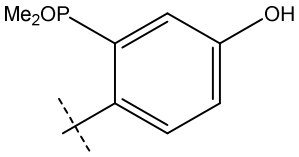
ring A is 

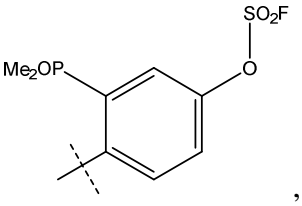
.

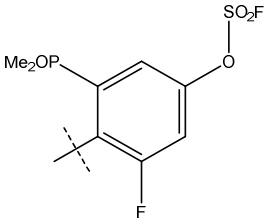
8. The compound according to claim 1, wherein

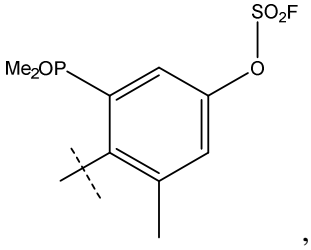
R^1 is chloro;

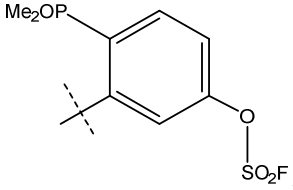


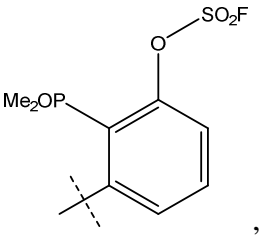
is 

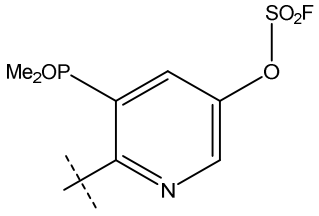
, 

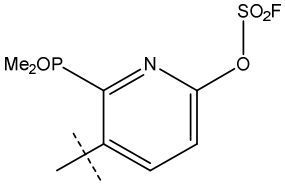
, 

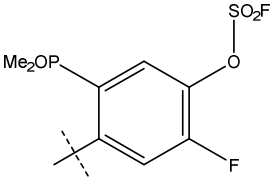
, 

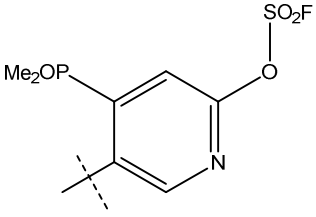
, 

, 

, 

, 

, 

, 

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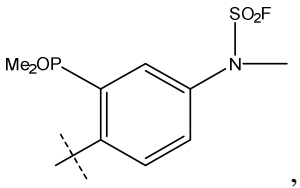
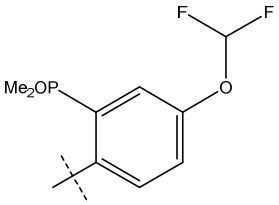
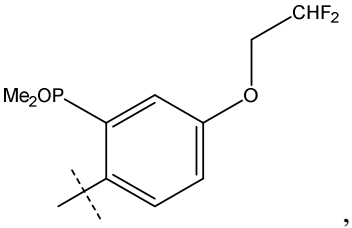
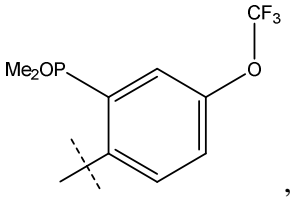
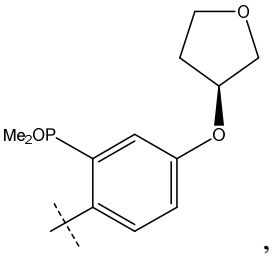
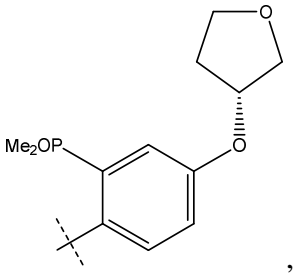
, 

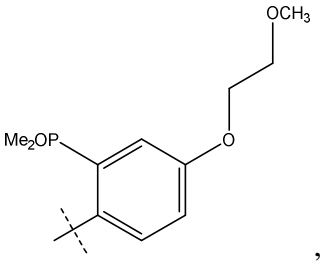
, 

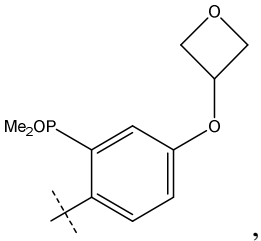
, 

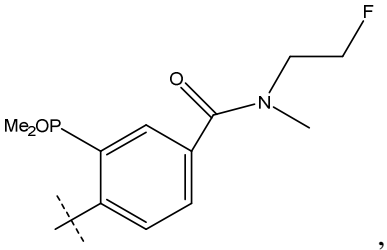
, 

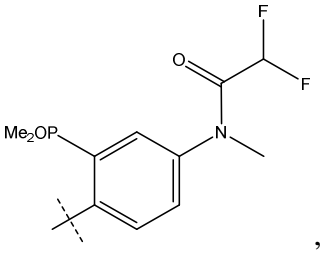
, 

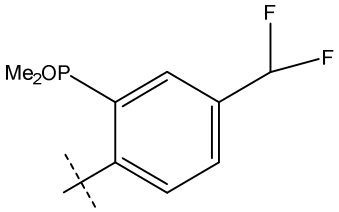
, 

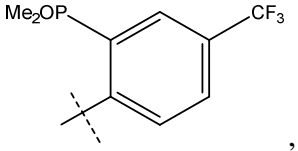
, 

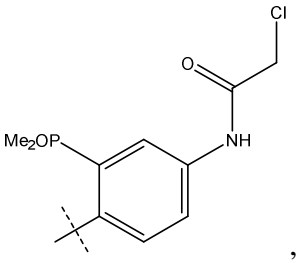
, 

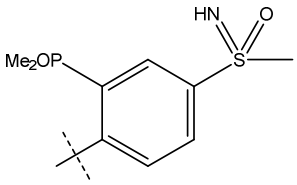
, 

, 

, 

, 

, 

, or 

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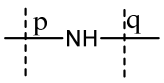
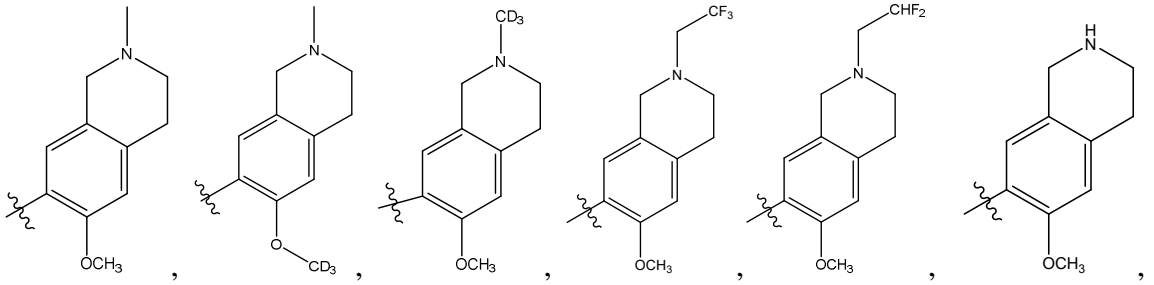
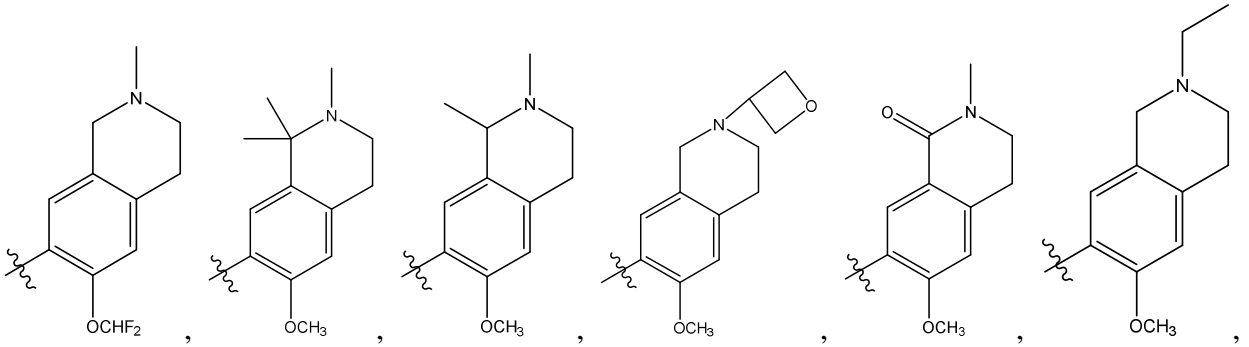
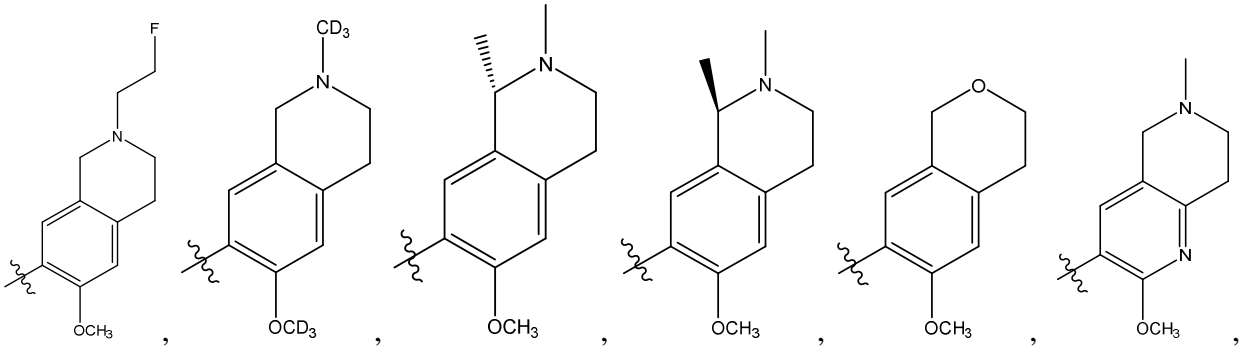
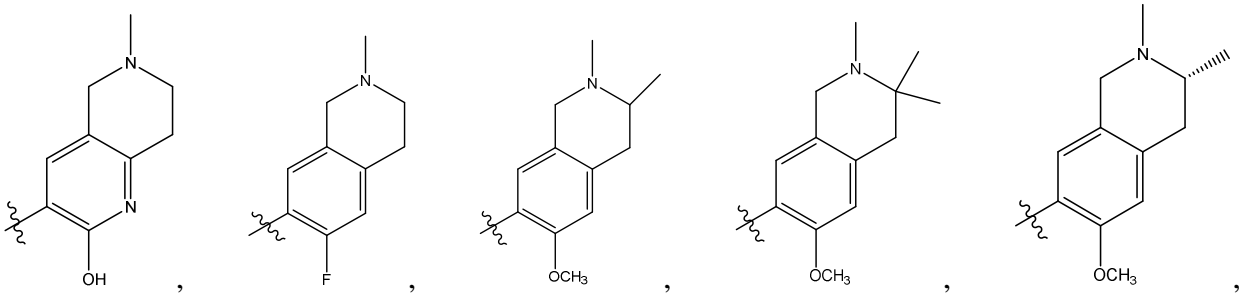
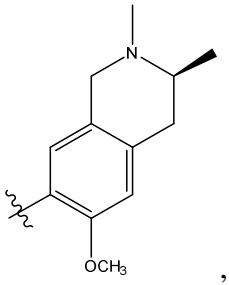
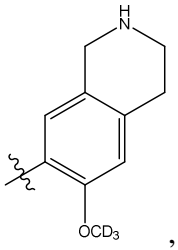
L is 

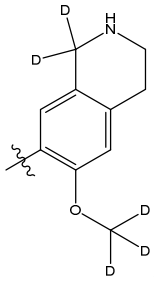
, and

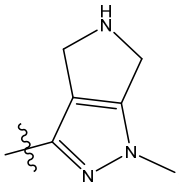
ring A is

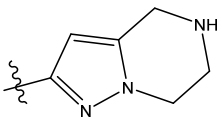





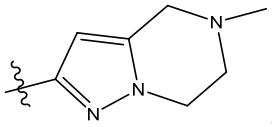


, 

, 

, 

, 

or 

.

9. The compound according to claim 1 selected from

(2-((5-Chloro-2-((6-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinolin-7-yl) amino)pyrimidin-4-yl)amino)-5-hydroxyphenyl)dimethylphosphineoxide;

4-((5-Chloro-2-((6-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinolin-7-yl) amino)pyrimidin-4-yl)amino)-3-(dimethylphosphoryl)phenylsulfurofluoridate;

4-((5-Carbamoyl-2-((6-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinolin-7-yl) amino)pyrimidin-4-yl)amino)-3-(dimethylphosphoryl)phenylsulfurofluoridate;

4-((5-Chloro-2-((6-methoxy-2-(methyl-d_3)-1,2,3,4-tetrahydroisoquinolin-7-yl) amino)pyramidin-4-yl)amino)-3-(dimethylphosphoryl)phenylsulfurofluoridate;

4-((5-Chloro-2-((6-(methoxy-d_3)-2-methyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino)pyrimidin-4-yl)amino)-3-(dimethylphosphory l)phenylsulfurofluoridate;

4-((5-Chloro-2-((6-methoxy-d_3)-2-(methyl-d_3)-1,2,3,4-tetrahydroisoquinolin-7-yl) amino)pyrimidin-4-yl)amino)-3-(dimethylphosphoryl)phenylsulfurofluoridate;

4-((5-Chloro-2-((6-methoxy-2-(2,2,2-trifluoroethyl)-1,2,3,4-tetrahydroisoquinolin-7-yl)amino)pyrimidin-4-yl)amino)-3-(dimethyllphosphoryl)phenylsulfurofluoridate;

4-((5-Chloro-2-((2-(2,2-difluoroethyl)-6-methoxy-1,2,3,4-tetrahydroisoquinolin-7-yl) amino)pyr imidin-4-yl)amino)-3-(dimethyl phosphoryl)phenylsulfurofluoridate;

4-((5-Chloro-2-((2-ethyl-6-methoxy-1,2,3,4-tetrahydroisoquinolin-7-yl)amino)pyrimidin-4-yl)amin o)-3-(dimethylphosphoryl)phenyl sulfofluoridate;

4-((5-Chloro-2-((6-(difluorometh oxy)-2-methyl-1,2,3,4-tetrahydro isoquinolin-7-yl)amino)pyrimid in-4-yl)amino)-3-(dimethylphos phoryl)phenylsulfurofluoridate;

4-((5-Chloro-2-((6-methoxy-1,1,2-trimethyl-1,2,3,4-tetrahydroisoquinolin-7-yl) amino) pyrimidin-4-yl)amino)-3-(dimethylphosphoryl)phenylsulfurofluoridate;

4-((5-chloro-2-((6-methoxy-1,2-dimethyl-1,2,3,4-tetrahydroisoquinolin-7-yl) amino)pyrimid in-4-yl)amino)-3-(dimethylphos phoryl)phenylsulfurofluoridate;

4-((5-Chloro-2-((2-(2-fluoroethyl)-6-methoxy-1,2,3,4-tetrahydroisoquinolin-7-yl) amino)pyrimidin-4-yl)amino)-3-(dimethylphosphoryl)phenylsulfofluoridate;

4-((5-Chloro-2-((6-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4-yl)amino)-3-(dimethylphospho ryl)-5-fluorophenylsulfurofluoridate;

4-((5-Chloro-2-((6-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinolin-7-yl) amino) pyrimidin-4-yl) amino)-3-(dimethylphosphoryl)-5-methylphenylsulfurofluoridate;

4-((5-Chloro-2-((6-methoxy-2-(oxetan-3-yl)-1,2,3,4-tetrahydroisoquinolin-7-yl) amino)pyrimidin-4-yl)amino)-3-(dimethylphos phoryl)phenylsulfurofluoridate;

4-((5-Chloro-2-((6-methoxy-2-methyl-1-oxo-1,2,3,4-tetrahydroisoquinolin-7-yl) amino)pyrimidin-4-yl)amino)-3-(dimethylphosphoryl)phenylsulfurofluoridate;

3-((5-Chloro-2-((6-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4-yl) amino)-4-(dimethylphosphoryl) phenylsulfurofluoridate;

3-((5-Chloro-2-((6-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4-yl)amino)-2-(dimethylphosphoryl)phenylsulfofluoridate;

6-((5-Chloro-2-((6-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4-yl) amino)-5-(dimethylphosphoryl) pyridin-3-ylsulfofluoridate;

5-((5-Chloro-2-((6-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4-yl)amino)-6-(dimethylphosphoryl)pyridin-2-yl sulfofluoridate;

4-((5-Chloro-2-((2-methoxy-6-methyl-5,6,7,8-tetrahydro-1,6-naphthyridin-3-yl) amino)pyrimidin-4-yl)amino)-3-(dimethylphosphorryl)phenylsulfofluoridate;

6-((5-Chloro-2-((6-methoxy-1,2-dimethyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4-yl)amino)-5-(dimethylphosphory)pyridin-3-yl sulfofluoridate;

6-((5-Chloro-2-((6-methoxy-1,2-dimethyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4-yl)amino)-5-(dimethylphosphoryl)pyridin-3-yl sulfofluoridate;

4-((5-Chloro-2-((6-methoxy-2,3,3-trimethyl-1,2,3,4-tetrahydroisoquinolin-7-yl) amino)pyrimidin-4-yl)amino)-3-(dimethylpho sphoryl)phenyl sulfofluoridate;

4-((5-Chloro-2-((6-fluoro-2-methyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4-yl) amino)-3-(dimethylphosphoryl)phenyl sulfofluoridate;

4-((5-Chloro-2-((6-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4-yl) amino)-5-(dimethylphosphoryl)-2-fluorophenyl sulfofluoridate;

4-((5-Chloro-2-((6-methoxyisochroman-7-yl)amino)pyrimidin-4-yl)amino)-3-(dimethylphosphoryl)phenylsulfofluoridate;

4-((5-Chloro-2-((6-methoxy-1,2-dimethyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4-yl)amino)-3-(dimethylphosphoryl)phenylsulfofluoridate (Isomer 1);

4-((5-Chloro-2-((6-methoxy-1,2-dimethyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4-yl)amino)-3-(dimethyl phosphoryl)phenylsulfofluoridate (Isomer 2);

3-((5-Chloro-2-((6-methoxy-1,2-dimethyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4-yl)amino)-4-(dimethylphosphoryl)phenylsulfofluoridate (Isomer 1);

3-((5-Chloro-2-((6-methoxy-1,2-dimethyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino)-pyrimidin-4-yl)amino)-4-(dimethylphosphoryl)phenylsulfofluoridate (Isomer 2);

4-((5-Chloro-2-((6-methoxy-2,3-dimethyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4-yl)amino)-3-(dimethylphosphoryl)phenylsulfofluoridate (Isomer 1);

4-((5-Chloro-2-((6-methoxy-2,3-dimethyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4-yl)amino)-3-(dimethyl phosphoryl)phenylsulfofluoridate (Isomer 2);

3-((5-Chloro-2-((6-methoxy-2,3-dimethyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4-yl)amino)-4-(dimethyl phosphoryl)phenylsulfofluoridate;

3-((5-Chloro-2-((6-methoxy-2,3-dimethyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4-yl)amino)-4-(dimethyl phosphoryl)phenylsulfofluoridate;

5-((5-Chloro-2-((6-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4-yl)amino)-4-(dimethylphosphoryl)pyridin-2-ylsulfofluoridate;

4-((5-Chloro-2-((6-methoxy-1,2,3,4-tetrahydroisoquinolin-7-yl)amino)pyrimidin-4-yl)amino)-3-(dimethylphosphoryl)phenyl sulfofluoridate;

4-((5-Chloro-2-((6-methoxy-*d*3-1,2,3,4-tetrahydroisoquinolin-7-yl)amino)pyrimidin-4-yl)amino)-3-(dimethylphosphoryl)phenyl sulfofluoridate;

4-((5-Chloro-2-((6-methoxy-d_3-1,2,3,4-tetrahydroisoquinolin-7-yl-1,1-d_2)amino) pyrimidin-4-yl) amino)-3-(dimethylphosphoryl) phenylsulfofluoridate;

4-((5-Chloro-2-((1-methyl-1,4,5,6-tetrahydropyrrolo[3,4-c]pyrazol-3-yl)amino) pyrimidin-4-yl)amino)-3-(dimethylphosphoryl)phenylsulfurofluoridate;

4-((5-Chloro-2-((4,5,6,7-tetrahydropyrazolo[1,5-a]pyrazin-2-yl)amino)pyrimidin-4-yl)amino)-3-(dimethylphosphoryl)phenyl sulfofluoridate;

4-((5-Chloro-2-((6-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4-yl)amino)-3-(dimethylphosphoryl)phenyl)(methyl)sulfamoylfluoride;

(4-((5-Chloro-2-((6-methoxy-1,2-dimethyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino)pyrimidin-4-yl)amino)-3-dimethylphosphoryl)phenyl) (methyl)sulfamoylfluoride;

(2-((5-Chloro-2-((6-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4-yl)amino)-5-(difluoromethoxy)phenyl)dimethylphosphineoxide;

(2-((5-Chloro-2-((6-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4-yl) amino)-5-(2,2-difluoroethoxy) phenyl)dimethylphosphine oxide;

2-((5-Chloro-2-((6-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4-yl)amino)-5-(trifluoromethoxy)phenyl) dimethylphosphineoxide;

(S)-(2-((5-Chloro-2-((6-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4-yl)amino)-5-((tetrahydrofuran-3-yl)oxy)phenyl)dimethyl phosphine oxide;

(R)-(2-((5-Chloro-2-((6-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4-yl) amino)-5-((tetrahydrofuran-3-yl)oxy) phenyl)dimethyl phosphine oxide;

(2-((5-Chloro-2-((6-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4-yl)amino)-5-(2-methoxyethoxy)phenyl)dimethyl phosphine oxide;

(2-((5-Chloro-2-((6-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4-yl)amino)-5-(oxetan-3-yloxy)phenyl)dimethyl phosphine oxide;

4-((5-Chloro-2-((6-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4-yl)amino)-3-(dimethylphosphoryl)-N-(2-fluoroethyl)-N-methylbenzamide;

N-(4-((5-Chloro-2-((6-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4-yl)amino)-3-(dimethylphosphoryl)phenyl)-2,2-difluoro-N-methylacetamide;

(2-((5-Chloro-2-((6-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4-yl)amino)-5-(difluoromethyl)phenyl)dimethylphosphine oxide;

(2-((5-Chloro-2-((6-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4-yl) amino)-5-(trifluoromethyl)phenyl) dimethylphosphine oxide;

2-Chloro-N-(4-((5-chloro-2-((6-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino)pyrimidin-4-yl)amino)-3-(dimethylphosphoryl)phenyl)acetamide;

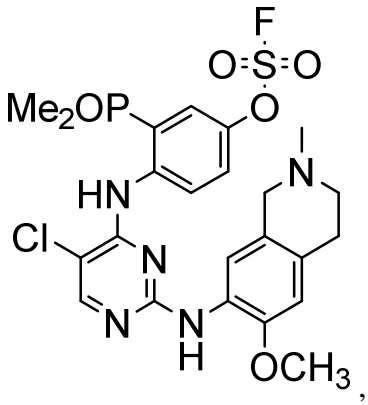
(2-((5-Chloro-2-((6-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4yl)amino)-5-(S-methylsulfonimidoyl)phenyl)dimethylphosphineoxide;

4-((5-Chloro-2-((6-methoxy-2-methyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4-yl)oxy)-3-(dimethylphosphoryl)phenylsulfofluoridate dihydrochloride;

4-((5-Chloro-2-((6-hydroxy-2-methyl-1,2,3,4-tetrahydroisoquinolin-7-yl)amino) pyrimidin-4-yl) amino)-3-(dimethylphosphoryl)phenylsulfofluoridate

pharmaceutically acceptable salt thereof.

10. The compound according to claim 9 or a stereoisomer thereof, or a pharmaceutically acceptable salt thereof, wherein the compound is of formula



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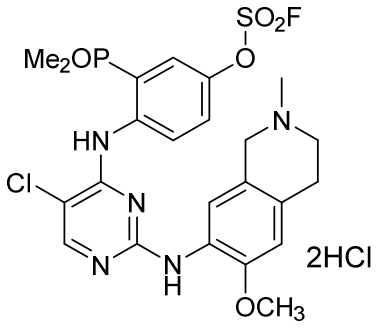

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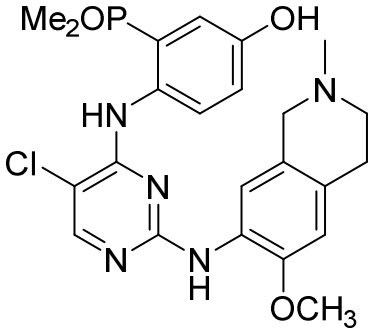

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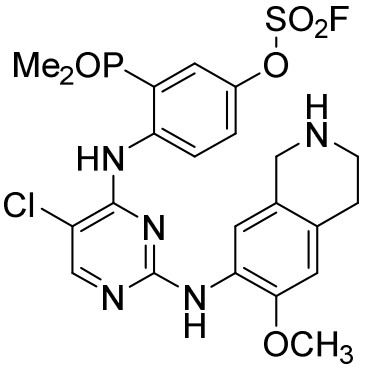

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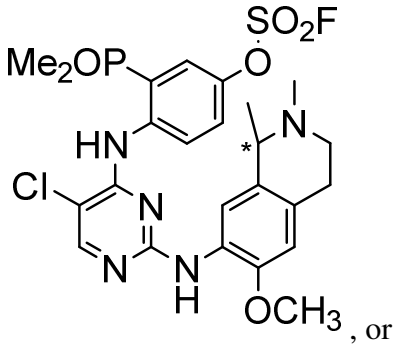
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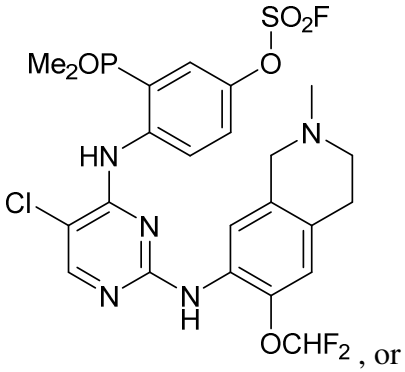
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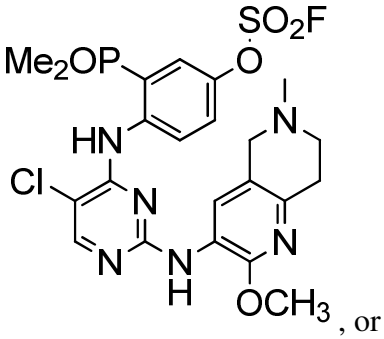
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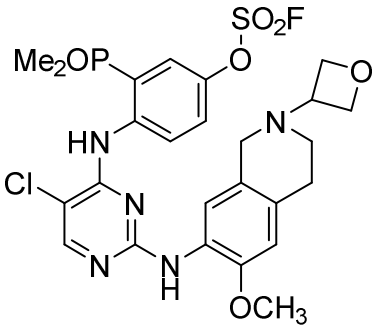
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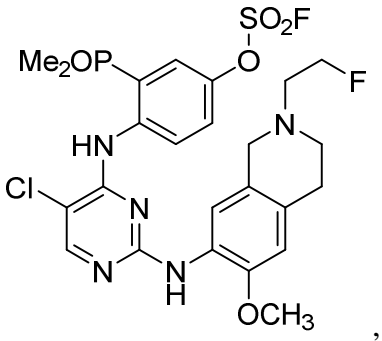
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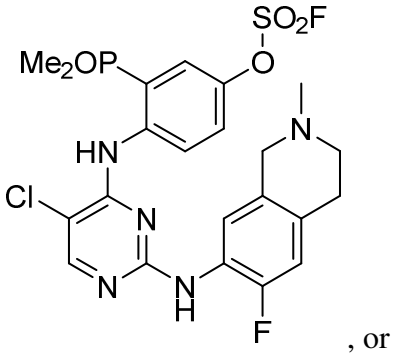
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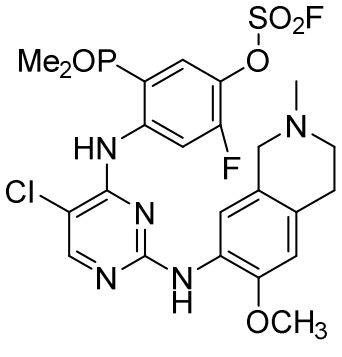
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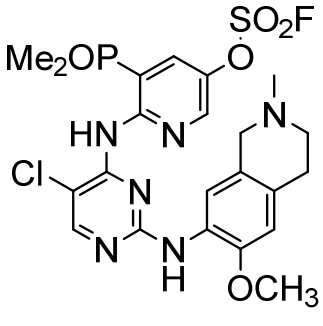
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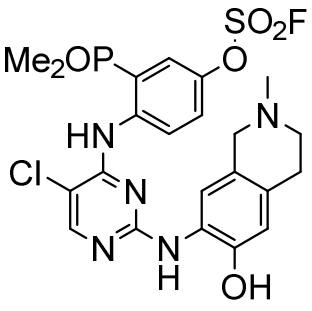

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11. A pharmaceutical composition comprising a compound according to any one of claims 1 to 10 and a pharmaceutically acceptable excipient, preferably wherein the pharmaceutically acceptable excipient is a carrier or diluent.

12. Use of a compound according to any one of claims 1 to 10 in the manufacture of a medicament for treating a MAP4K1 (HPK1) mediated disease, disorder, syndrome, or condition.

13. The use according to claim 12, wherein the disease, disorder, syndrome or condition is cancer.