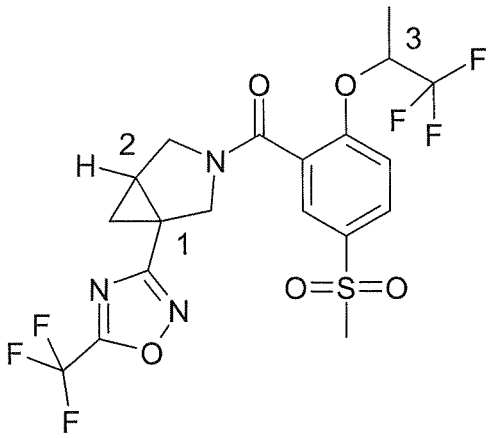
7. A compound according to claim 1, of the formula



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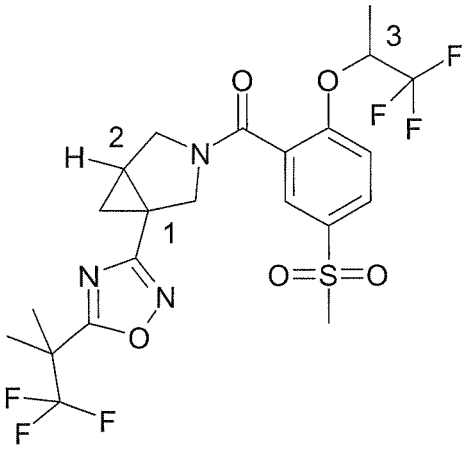

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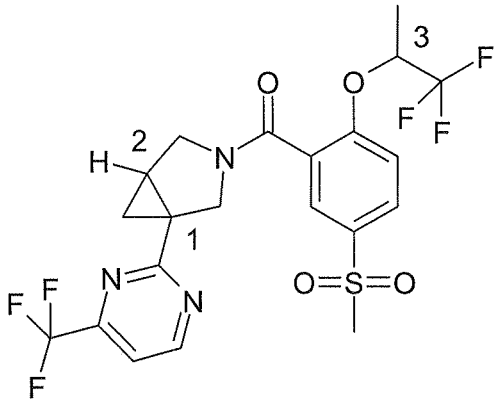

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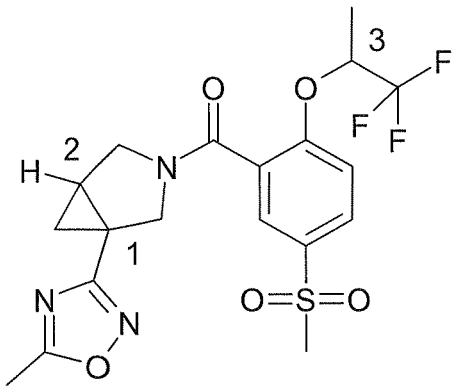

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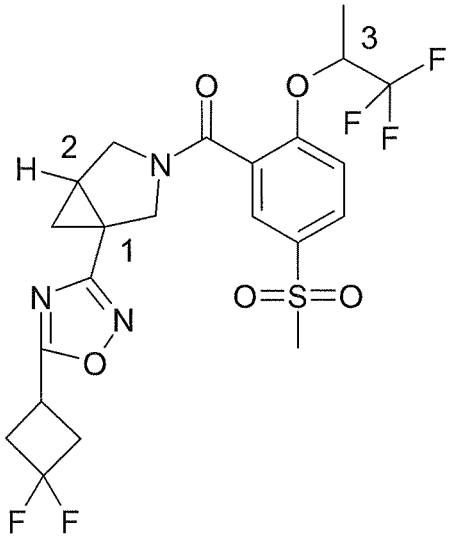

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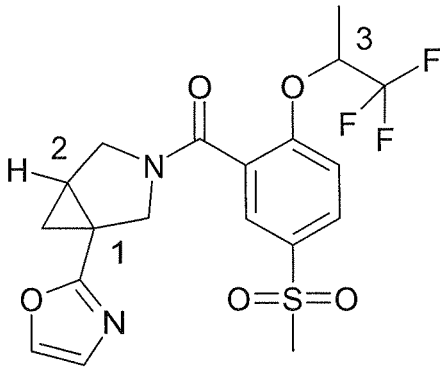

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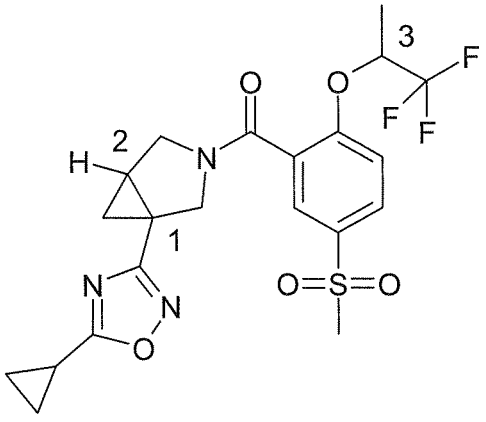

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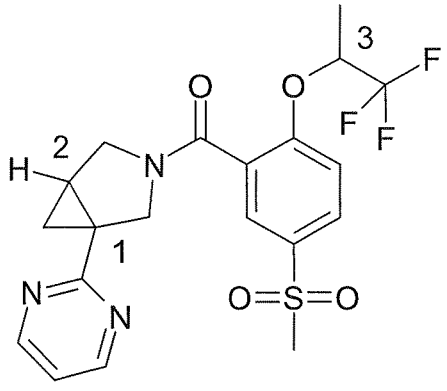

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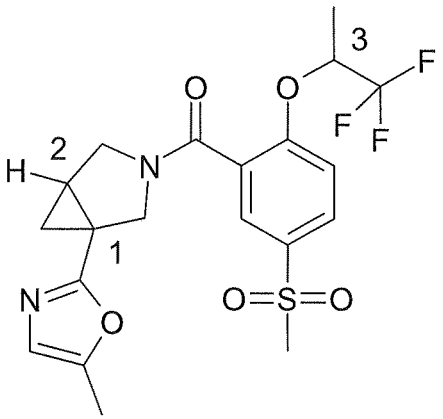

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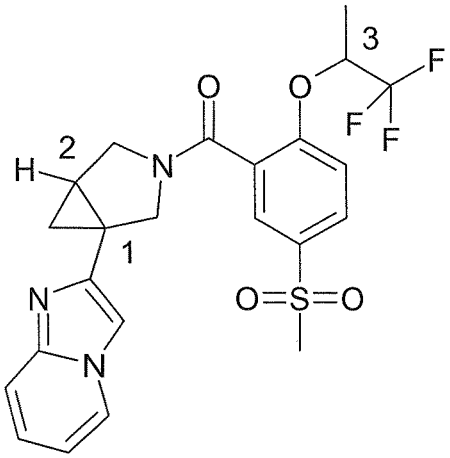

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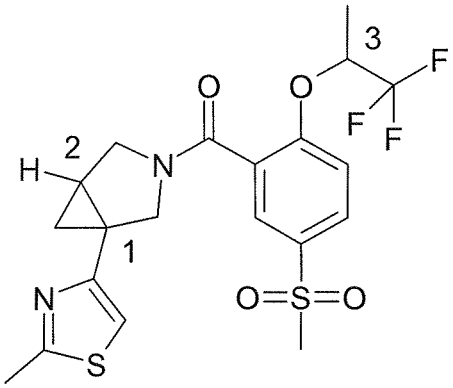

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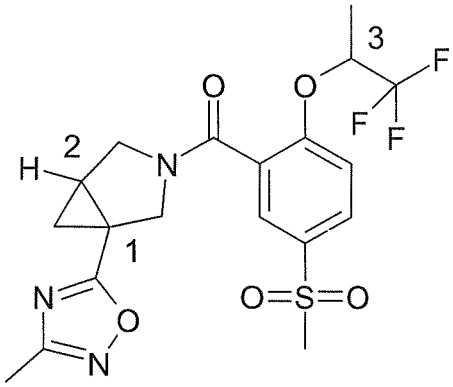

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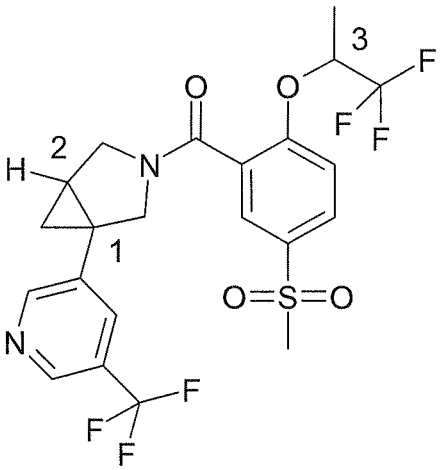

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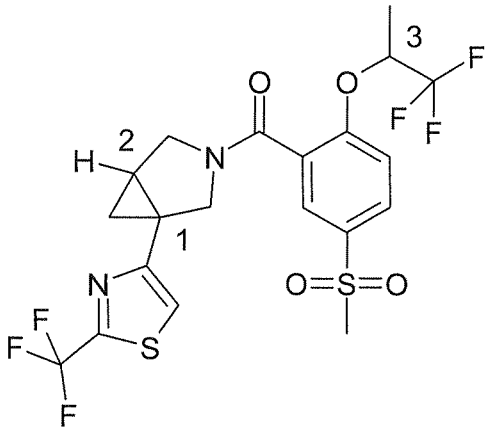

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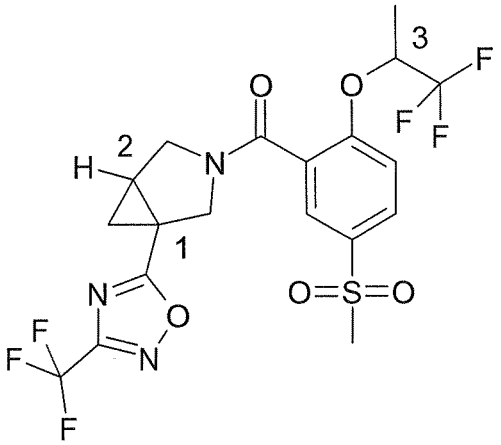

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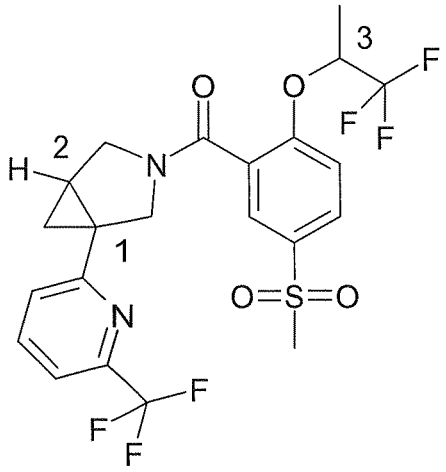

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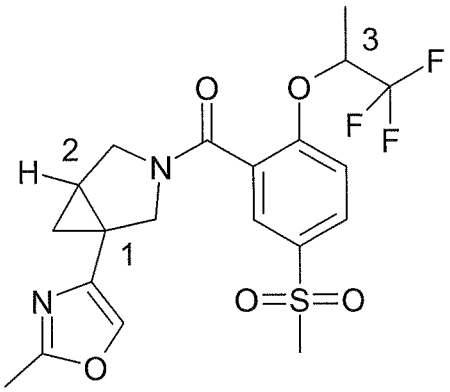

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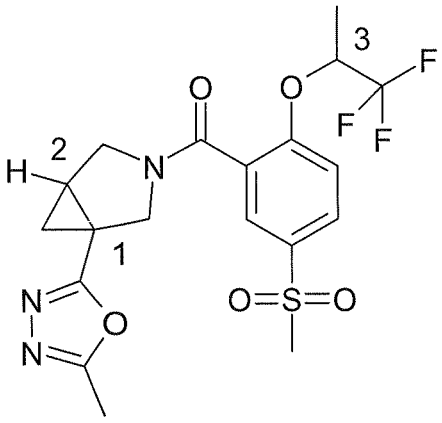

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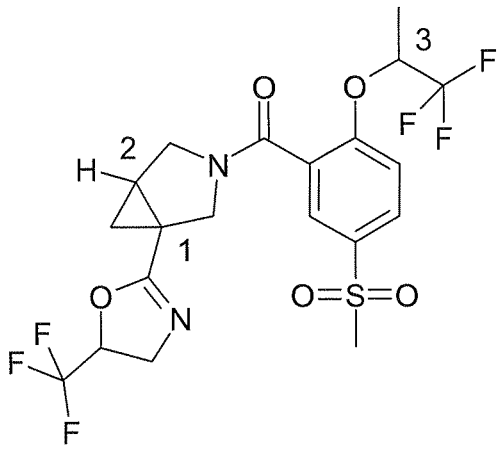

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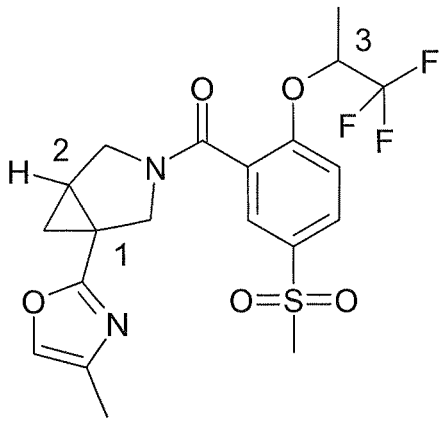

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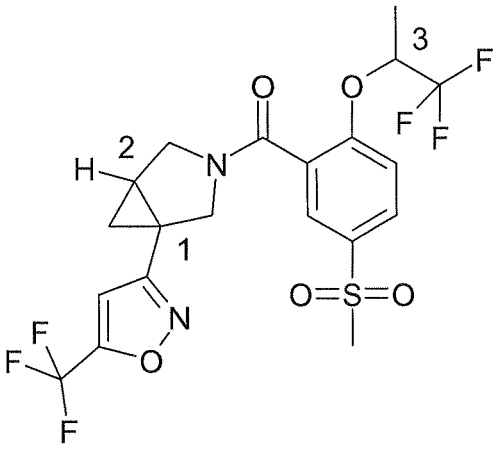

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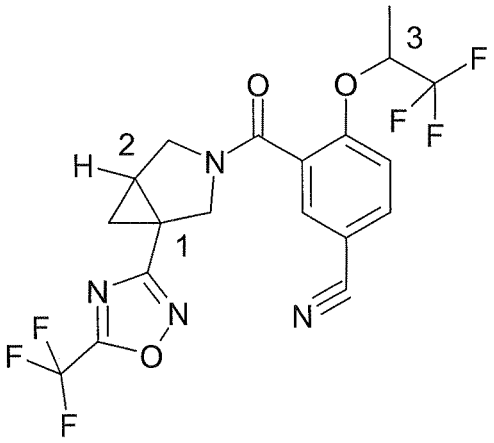

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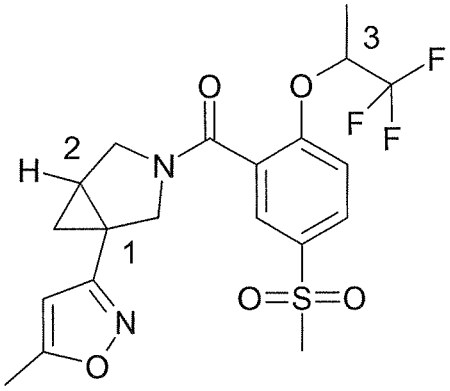

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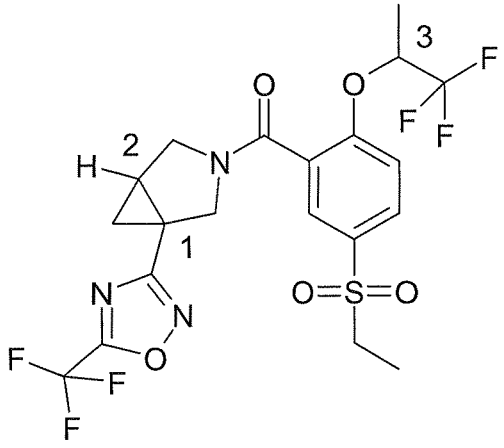

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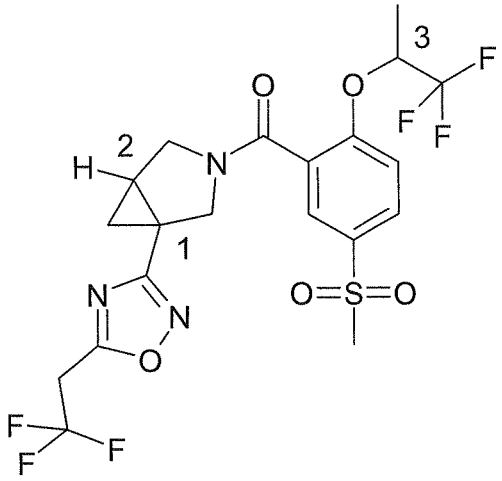

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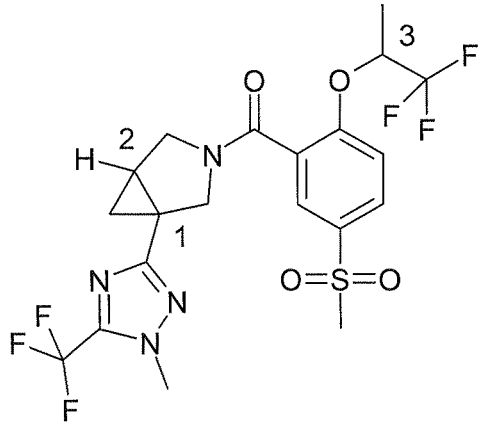

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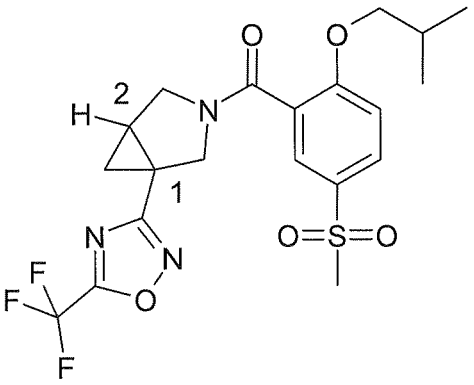

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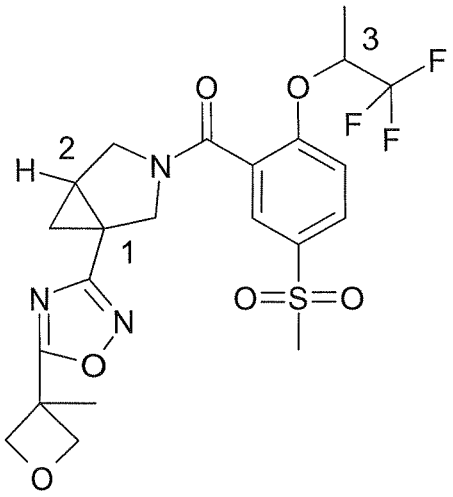

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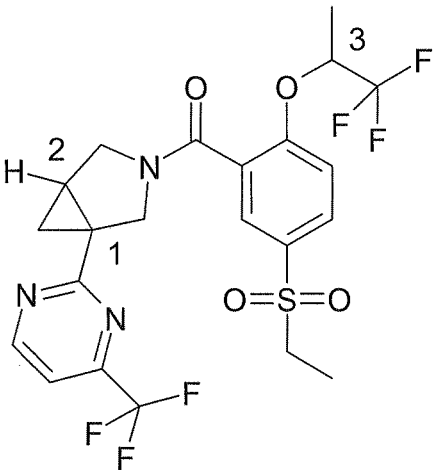

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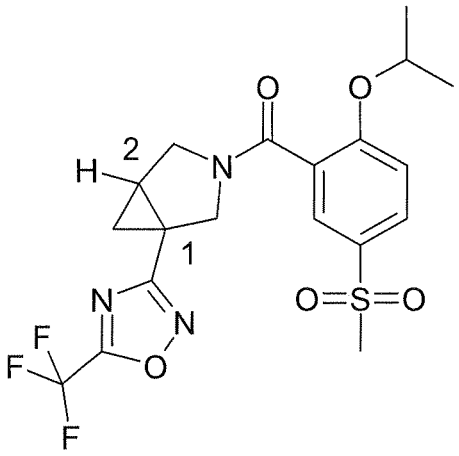

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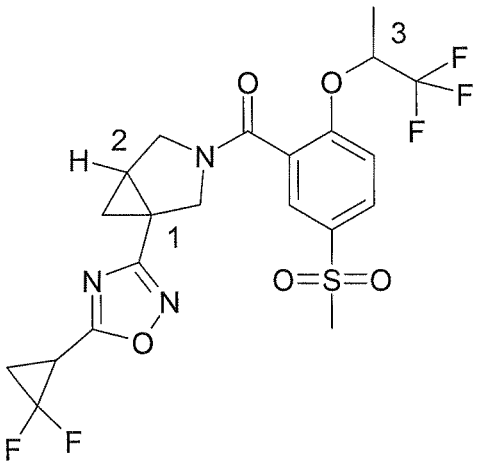

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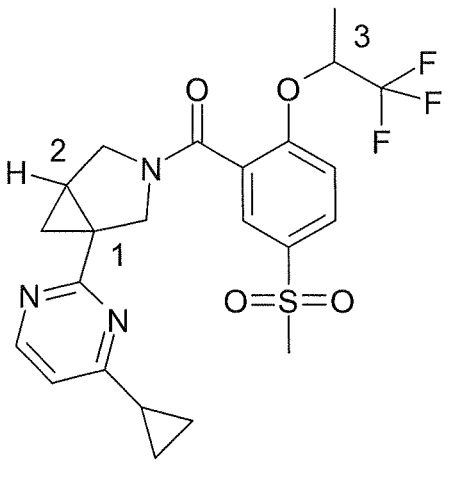

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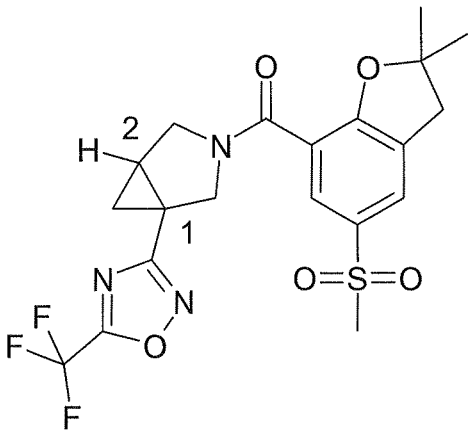

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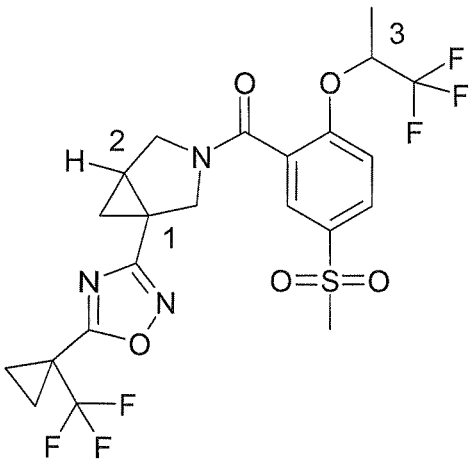

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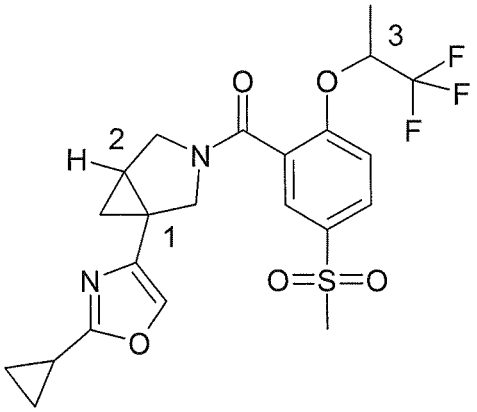

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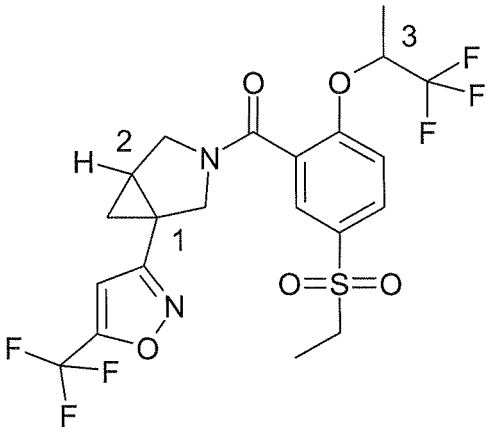

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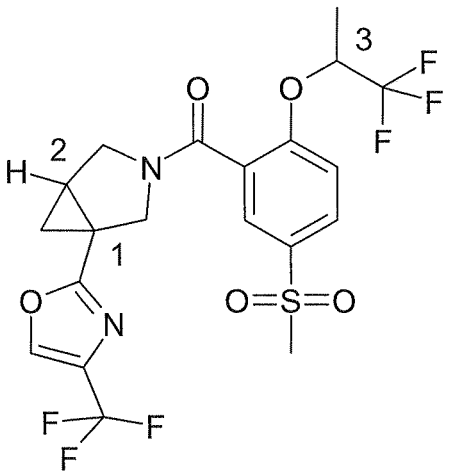

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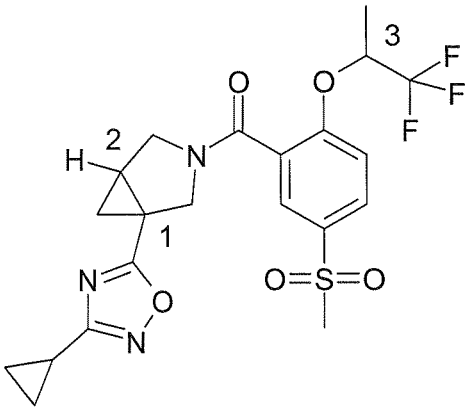

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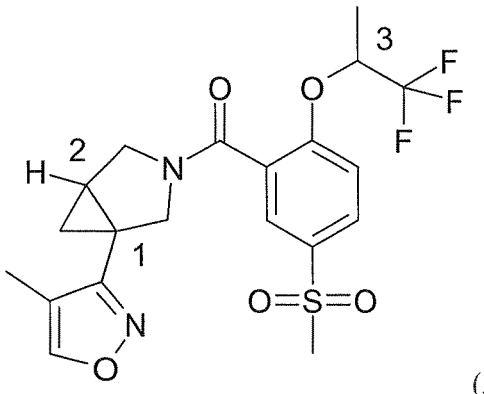

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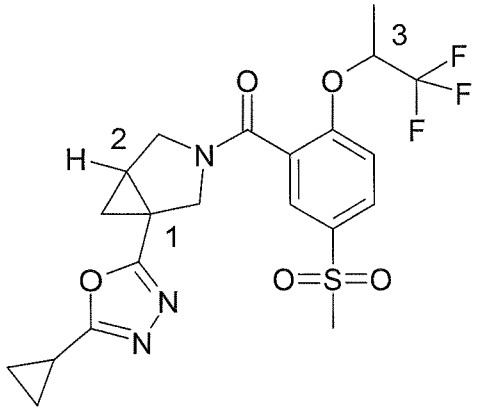

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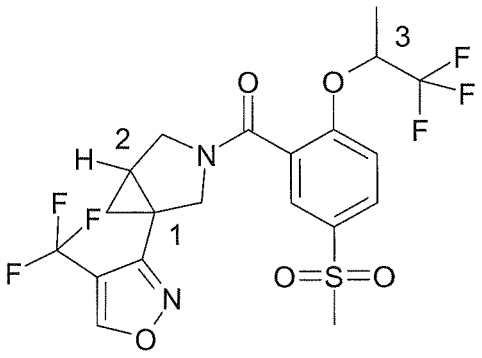

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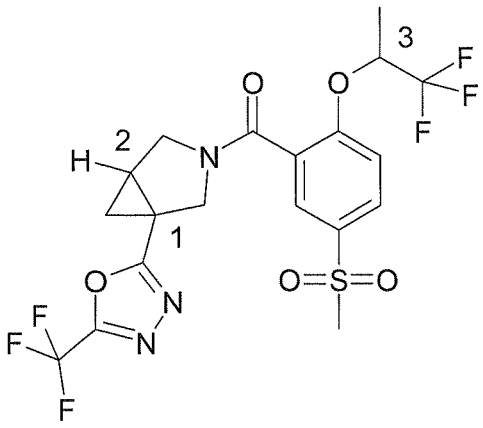

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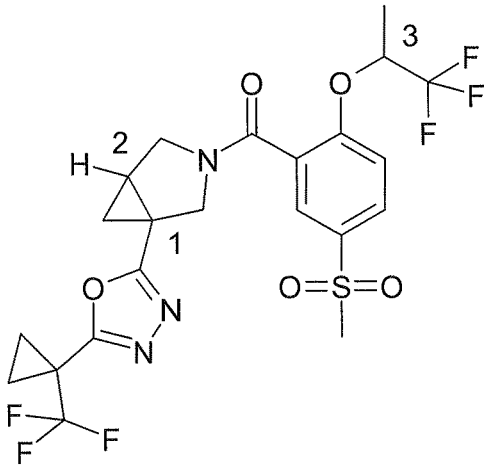

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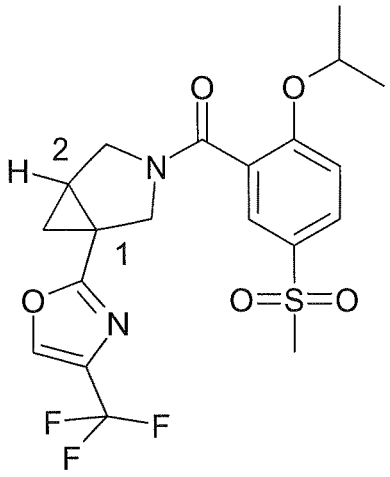

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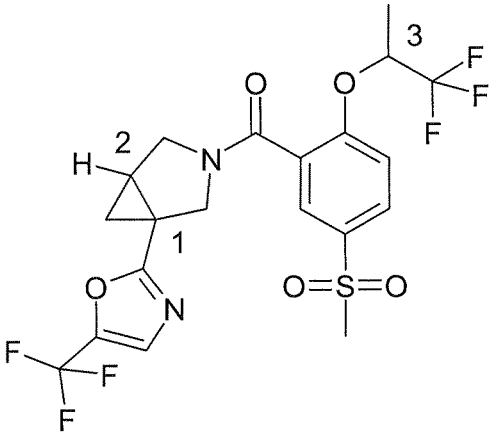

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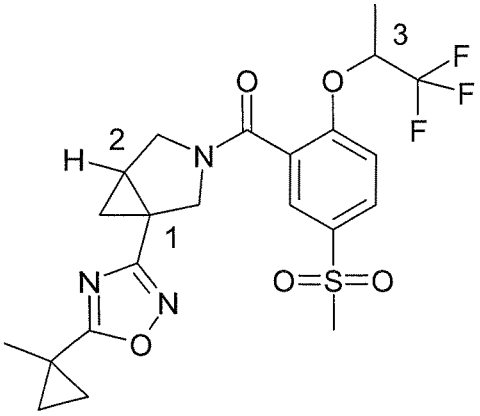

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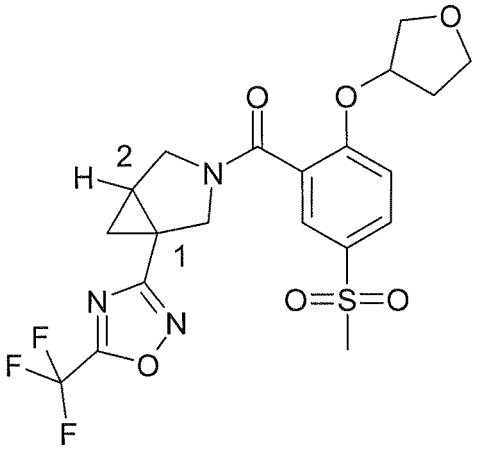

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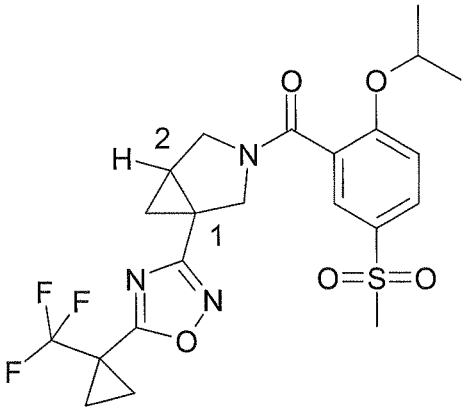

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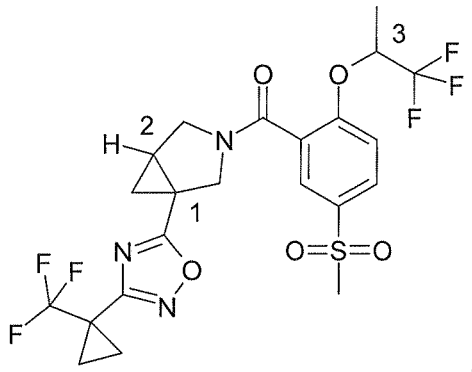

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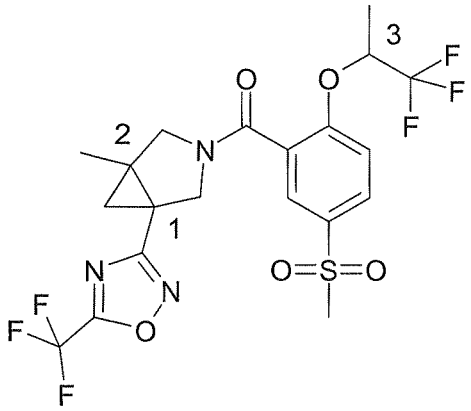

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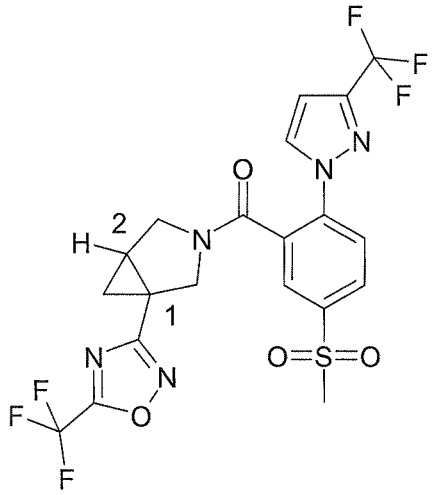

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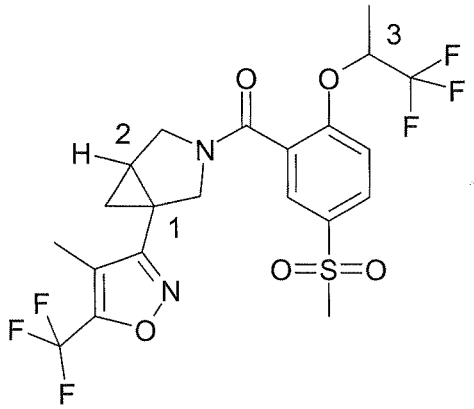

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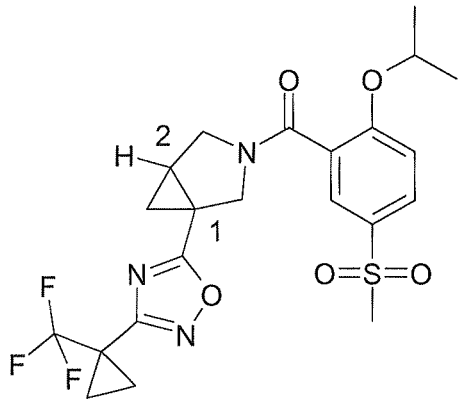


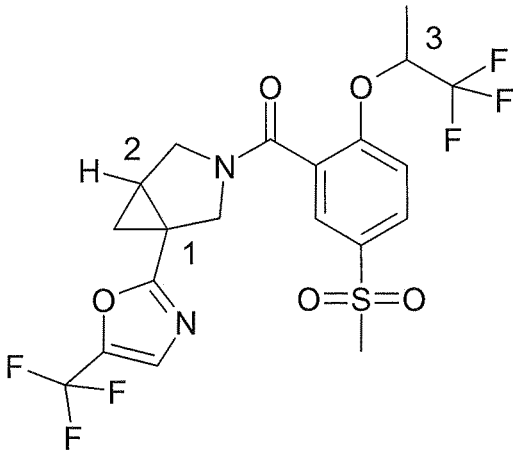
(Zza),

wherein said compound is selected from the group consisting of:

alkyl-, phenyl and benzyl, wherein phenyl and benzyl optionally may be substituted with one or more substituents independently selected from each other from the group of fluoro, chloro, bromo, -CN, C_{1-4} alkyl-O-, C_{1-4} alkyl-; and

PG is a protecting group for an amino function selected from the group consisting of tert-butoxycarbonyl-, 9-fluorenylmethoxycarbonyl-, benzyl-, and 2,4-dimethoxybenzyl-.

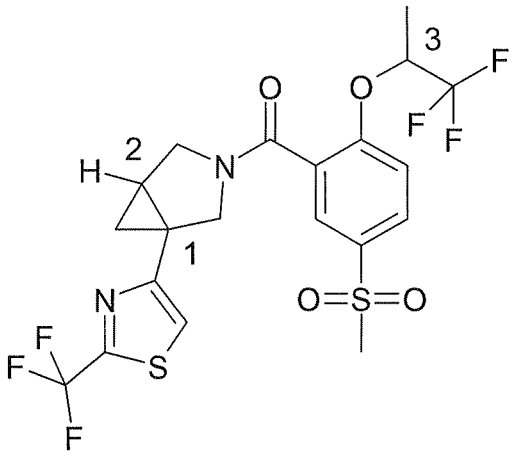
15. A compound according to claim 1, of the formula



(Zp),

wherein said compound is selected from the group consisting of:

20. A compound according to claim 1, of the formula



(L),

wherein said compound is selected from the group consisting of:

the stereoisomer with R-configuration at the chiral carbon atom designated by the numeral 1 and R-configuration at the chiral carbon atom designated by the numeral 3;

the stereoisomer with S-configuration at the chiral carbon atom designated by the numeral 1 and S-configuration at the chiral carbon atom designated by the numeral 3;

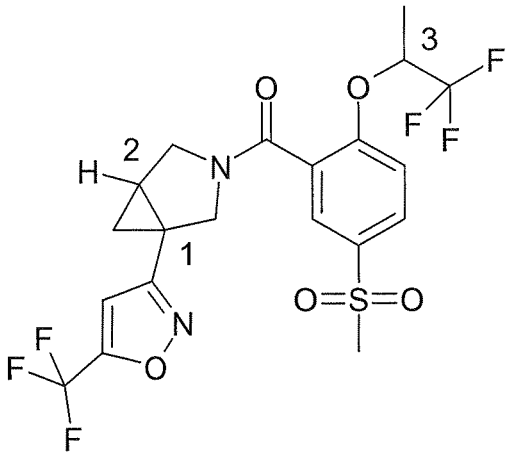
the stereoisomer with R-configuration at the chiral carbon atom designated by the numeral 1 and S-configuration at the chiral carbon atom designated by the numeral 3; and

the stereoisomer with S-configuration at the chiral carbon atom designated by the numeral 1 and R-configuration at the chiral carbon atom designated by the numeral 3;

wherein, in each such stereoisomer, the chiral carbon atom designated by the numeral 2 is always in the syn configuration with respect to the chiral carbon atom designated by the numeral 1;

wherein the chiral carbon atom designated by the numeral 2 is in the syn configuration with respect to the chiral carbon atom designated by the numeral 1.

25. A compound according to claim 1, of the formula



(I),

wherein said compound is selected from the group consisting of:

the stereoisomer with R-configuration at the chiral carbon atom designated by the numeral 1 and R-configuration at the chiral carbon atom designated by the numeral 3;

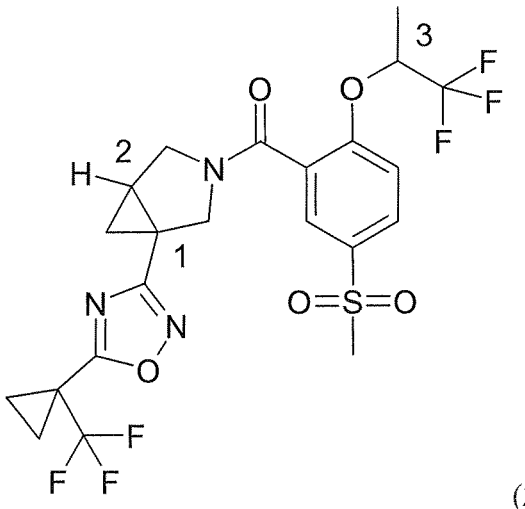
the stereoisomer with S-configuration at the chiral carbon atom designated by the numeral 1 and S-configuration at the chiral carbon atom designated by the numeral 3;

the diastereomer with R-configuration at the chiral carbon atom designated by the numeral 1 and S-configuration at the chiral carbon atom designated by the numeral 3; and

the stereoisomer with S-configuration at the chiral carbon atom designated by the numeral 1 and R-configuration at the chiral carbon atom designated by the numeral 3;

wherein the chiral carbon atom designated by the numeral 2 is in the syn configuration with respect to the chiral carbon atom designated by the numeral 1.

30. A compound according to claim 1, of the formula



(Zb),

wherein said compound is selected from the group consisting of:

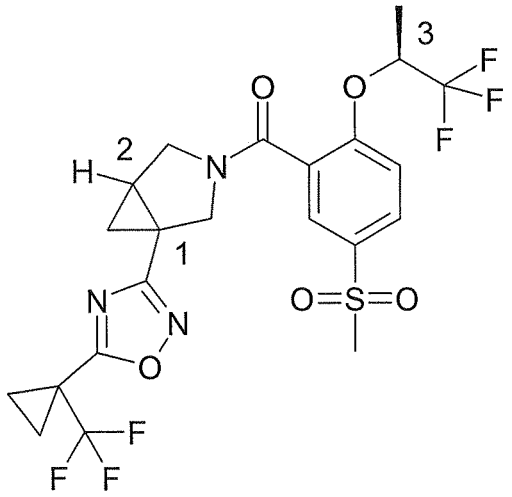
the stereoisomer with R-configuration at the chiral carbon atom designated by the numeral 1 and R-configuration at the chiral carbon atom designated by the numeral 3;

the stereoisomer with S-configuration at the chiral carbon atom designated by the numeral 1 and S-configuration at the chiral carbon atom designated by the numeral 3;

the stereoisomer with R-configuration at the chiral carbon atom designated by the numeral 1 and S-configuration at the chiral carbon atom designated by the numeral 3; and

the stereoisomer with S-configuration at the chiral carbon atom designated by the numeral 1 and R-configuration at the chiral carbon atom designated by the numeral 3;

34. A compound according to claim 1, of the formula

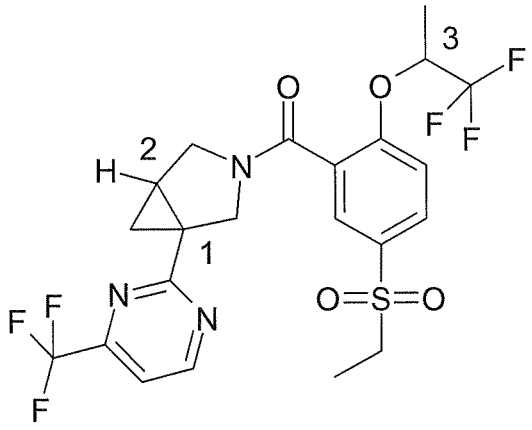


,

with S-configuration at the chiral carbon atom designated by the numeral 1;

wherein the chiral carbon atom designated by the numeral 2 is in the syn configuration with respect to the chiral carbon atom designated by the numeral 1.

35. A compound according to claim 1, of the formula

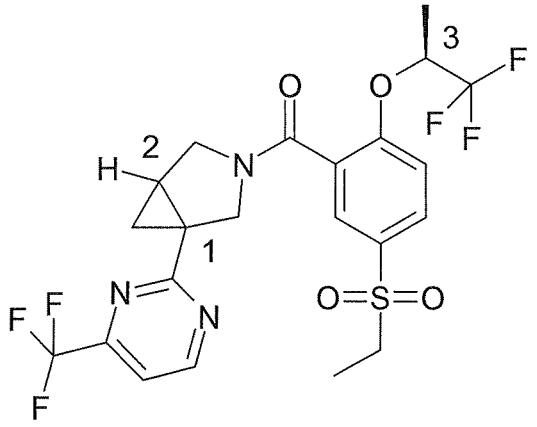


(Zd),

wherein said compound is selected from the group consisting of:

the stereoisomer with R-configuration at the chiral carbon atom designated by the numeral 1 and R-configuration at the chiral carbon atom designated by the numeral 3;

39. A compound according to claim 1, of the formula

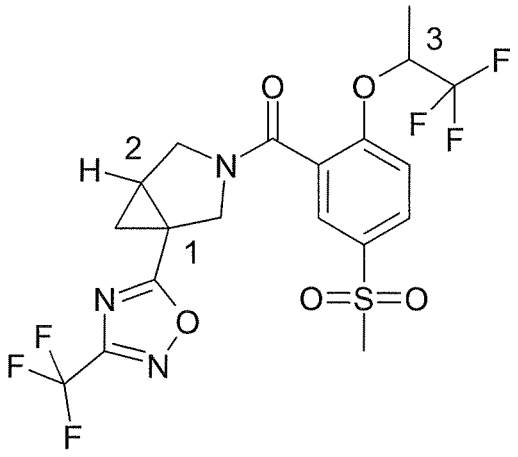


,

with S-configuration at the chiral carbon atom designated by the numeral 1;

wherein the chiral carbon atom designated by the numeral 2 is in the syn configuration with respect to the chiral carbon atom designated by the numeral 1.

40. A compound according to claim 1, of the formula



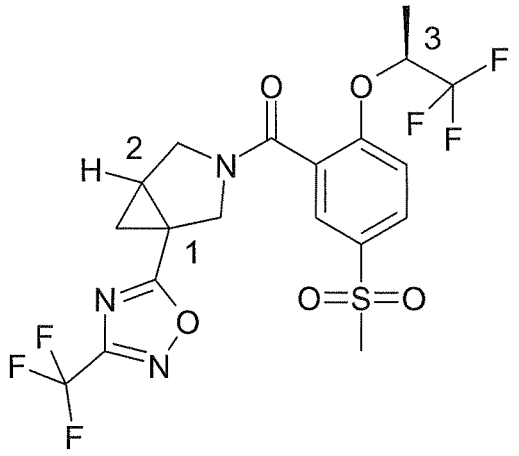
(P),

wherein said compound is selected from the group consisting of:

the stereoisomer with R-configuration at the chiral carbon atom designated by the numeral 1 and R-configuration at the chiral carbon atom designated by the numeral 3;

wherein the chiral carbon atom designated by the numeral 2 is in the syn configuration with respect to the chiral carbon atom designated by the numeral 1.

44. A compound according to claim 1, of the formula

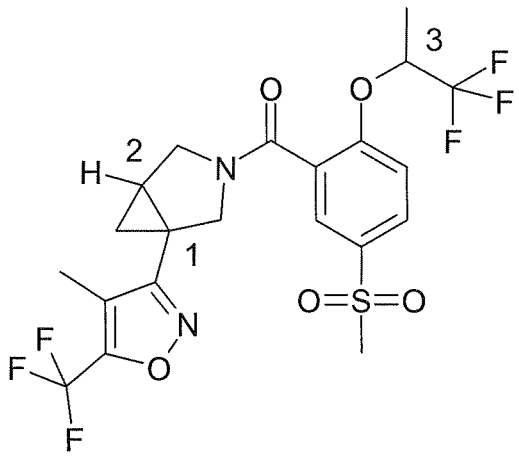


,

with S-configuration at the chiral carbon atom designated by the numeral 1;

wherein the chiral carbon atom designated by the numeral 2 is in the syn configuration with respect to the chiral carbon atom designated by the numeral 1.

45. A compound according to claim 1, of the formula



(Zzd),

wherein said compound is selected from the group consisting of: