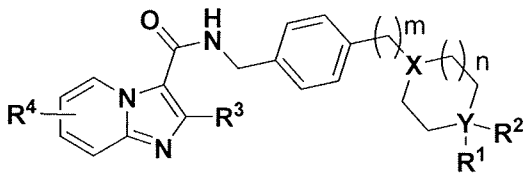
Claims

1. A compound having the general formula I:



I

wherein

X is CH or N;

Y is CH, O or N;

m is 0;

n is 0 or 1;

R^1 is, at each occurrence, independently selected from the group consisting of hydrogen, halogen, methyl, ethyl, t-butyl, phenyl, –$NC(O)R^5$, -OR^5, -$C(O)R^5$, -$C(O)OR^5$, any of which is optionally substituted with one or several members selected from the group consisting ofhalogen, C_1-C_3 alkyl, C_1-C_3 haloalkyl, methylhydroxyl, COOMe, C(O)H, COOH, OCH_3 and OCF_3;

R^2 is, at each occurrence, independently selected from the group consisting of hydrogen and hydroxyl;

R^3 is, at each occurrence, independently selected from the group consisting of methyl and ethyl;

R^4 is, at each occurrence, independently selected from the group consisting of hydrogen, halogen, methyl, -methoxy and –CF_3;

R^5 is, at each occurrence, independently selected from the group consisting of C_1-C_3 alkylhetorocycle, phenyl and benzyl, any of which is optionally substituted with one or several members selected from the group consisting of halogen, C_1-C_3 alkyl, C_1-C_3 haloalkyl, methylhydroxyl, COOMe, C(O)H, COOH, OCH_3 and OCF_3;

and pharmaceutically acceptable salts thereof;

wherein, if m is 0, n is 1, X is N, Y is O and R^3 is ethyl, then R^4 is not hydrogen, 6-chloro, 6-methyl, 6-methoxy, 6-bromo, 6-trifluoromethyl, 6-fluoro, 7-chloro, 7-methyl, 7-methoxy, 7-trifluoromethyl, 7-bromo, 8-fluoro, 8-trifluoromethyl, 8-methoxy, or 8-bromo;

wherein, if m is 0, n is 1, X is N and Y is C, R^1 is H, R^2 is H, R^3 is ethyl, then R^4 is not 6-chloro or 7-chloro;

wherein, if m is 0, n is 1, X is N and Y is N, R^1 is methyl, R^3 is ethyl, then R^4 is not 6-chloro or 7-chloro;

wherein, if m is 0, n is 1, X is N, Y is C, R^2 is hydroxyl, R^3 is ethyl and R^4 is 7-chloro, then R^1 is not hydrogen;

wherein, if m is 0, n is 1, X is N, Y is C, R^1 is OR^5, R^2 is hydrogen, R^3 is ethyl and R^5 is 4-fluorobenzyl, then R^4 is not 6-chloro or 7-chloro;

wherein, if m is 0, n is 1, X is N, Y is C, R^1 is OR^5, R^2 is hydrogen, R^3 is ethyl and R^5 is 4-chlorophenyl, then R^4 is not 6-chloro or 7-chloro;

wherein, if m is 0, n is 1, X is N, Y is C, R^1 is OR^5, R^2 is hydrogen, R^3 is ethyl and R^5 is 4-fluorophenyl, then R^4 is not 6-chloro or 7-chloro;

wherein, if m is 0, n is 1, X is N, Y is C, R^1 is OR^5, R^2 is hydrogen, R^3 is ethyl and R^5 is 4-(trifluoromethyl)phenyl, then R^4 is not 6-chloro or 7-chloro;

wherein, if m is 0, n is 1, X is N, Y is C, R^1 is OR^5, R^2 is hydrogen, R^3 is ethyl and R^5 is 4-(trifluoromethoxy)phenyl, then R^4 is not 6-chloro, 6-trifluoromethyl or 7-chloro;

wherein, if m is 0, n is 1, X is N, Y is C, R^1 is methyl, R^2 is hydrogen and R^3 is ethyl, then R^4 is not 6- chloro or 7-chloro;

wherein, if m is 0, n is 0, X is N, Y is C, R^1 is methyl, R^2 is hydrogen and R^3 is ethyl, then R^4 is not 6- chloro or 7-chloro;

wherein, if m is 0, n is 1, X is N, Y is N, R^1 is 4-fluorophenyl and R^3 is ethyl, then R^4 is not hydrogen, 6-fluoro, 6-chloro, 6-methyl, 6-methoxy, 6-bromo, 7-bromo, 7-chloro, 7-methyl, 7-methoxy , 8-methoxy, 8-bromo or 8-fluoro;

wherein, if m is 0, n is 1, X is N, Y is N, R^1 is 4-(trifluoromethoxy)phenyl and R^3 is ethyl, then R^4 is not hydrogen, 6-chloro or 7-chloro;

wherein, if m is 0, n is 1, X is N, Y is C, R^1 is 4-fluorophenyl, R^2 is hydrogen and R^3 is ethyl, then R^4 is not hydrogen, 6-chloro or 7-chloro;

wherein, if m is 0, n is 1, X is N, Y is C, R^1 is 4-(trifluoromethoxy)phenyl, R^2 is hydrogen and R^3 is ethyl, then R^4 is not hydrogen, 6-chloro or 7-chloro;

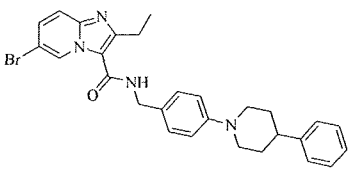
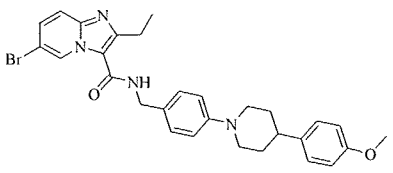
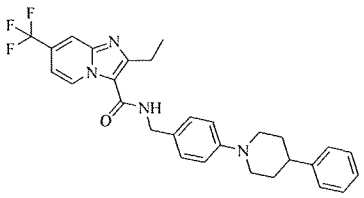
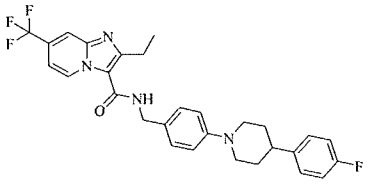
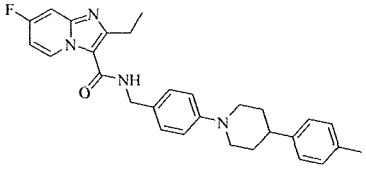
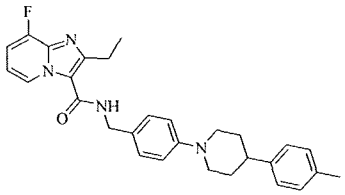
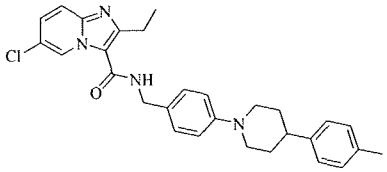
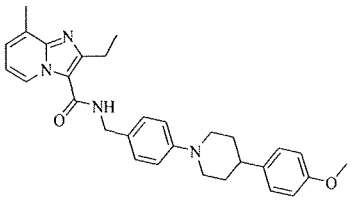
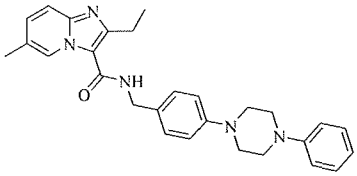
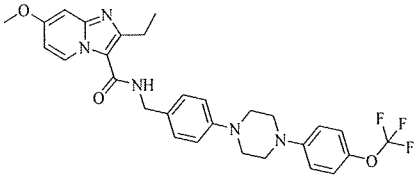
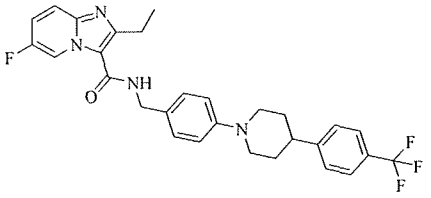
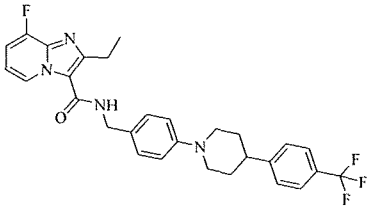
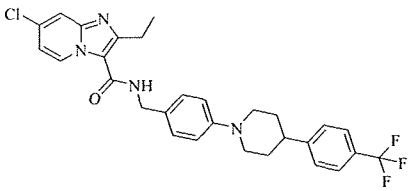
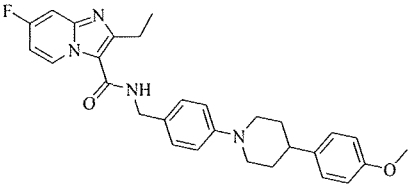
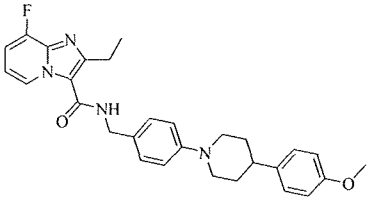
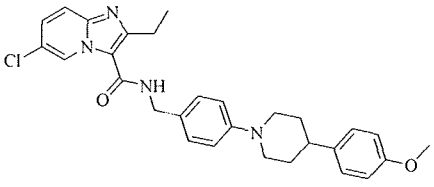
wherein, if m is 0, n is 1, X is N, Y is C, R^1 is 4-chlorophenyl, R^2 is hydrogen and R^3 is ethyl, then R^4 is not 6-chloro or 7-chloro;

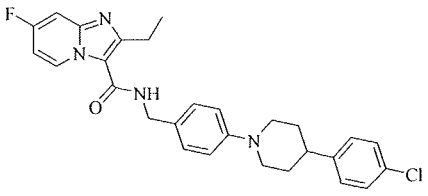
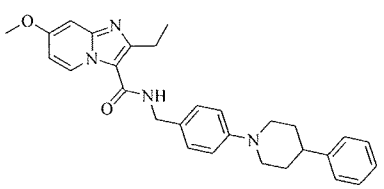
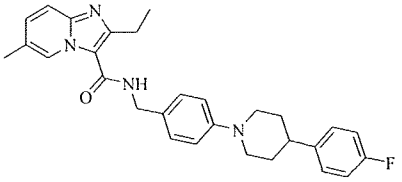
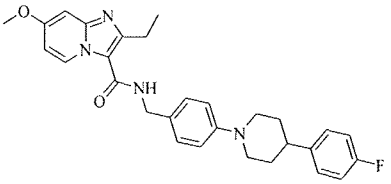
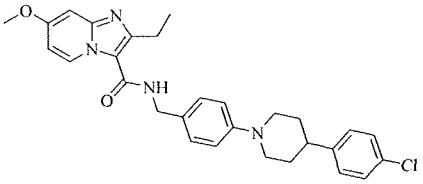
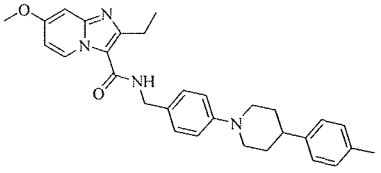
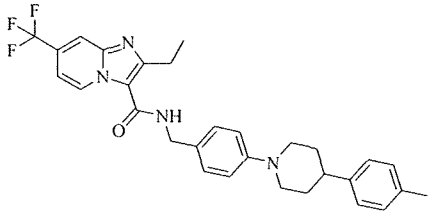
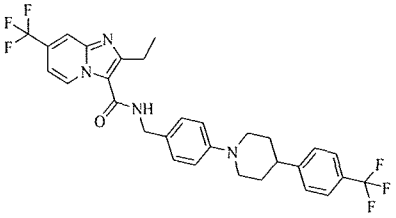
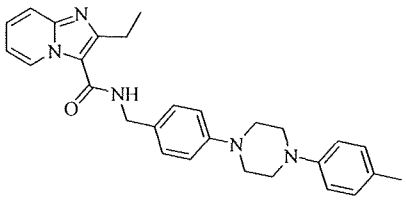
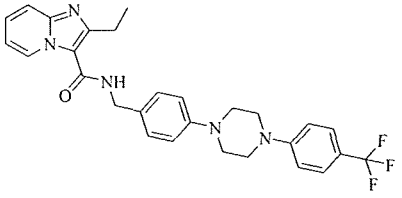
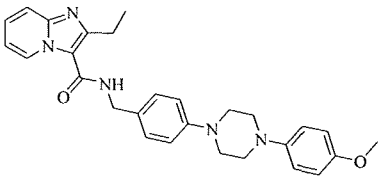
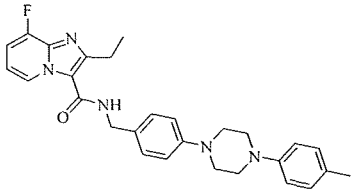
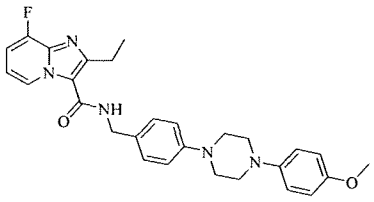
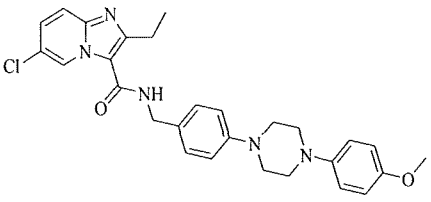
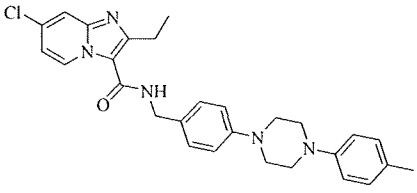
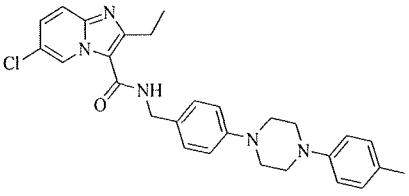
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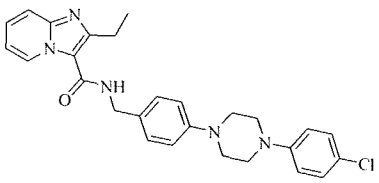
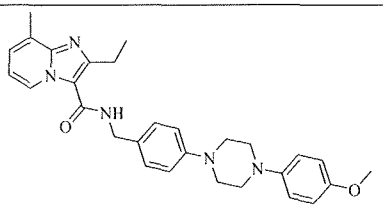
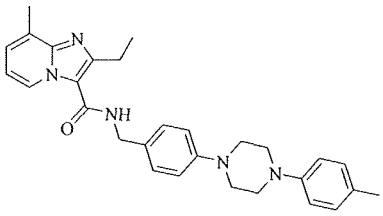
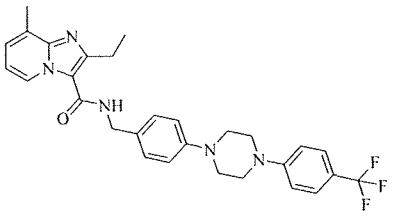
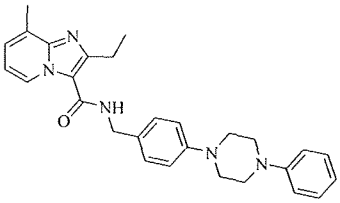
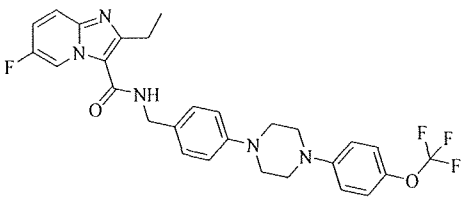
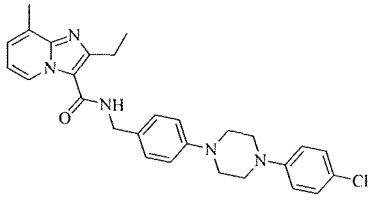
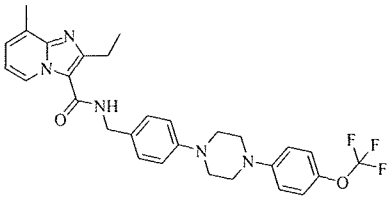
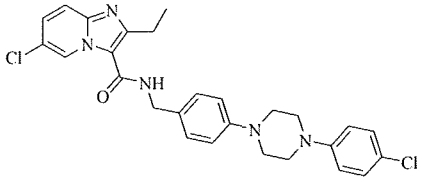
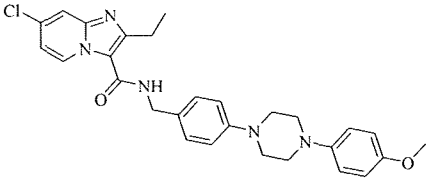
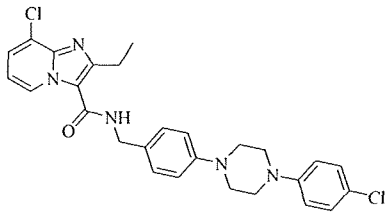
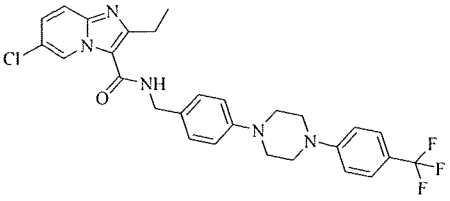
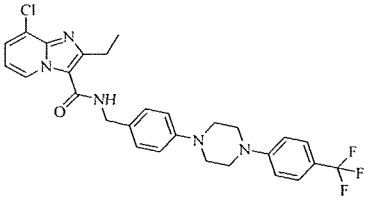
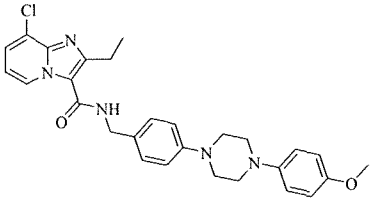
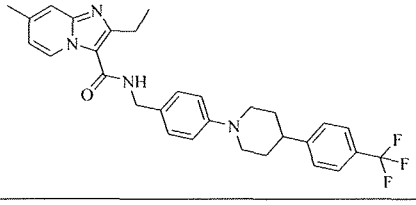
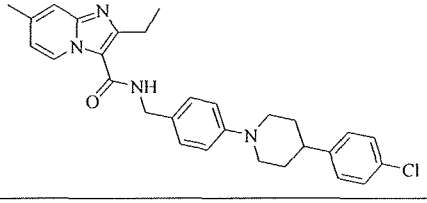
wherein, if m is 0, n is 1, X is N, Y is C, R^1 is phenyl, R^2 is hydroxy and R^3 is ethyl, then R^4 is not 7-chloro;

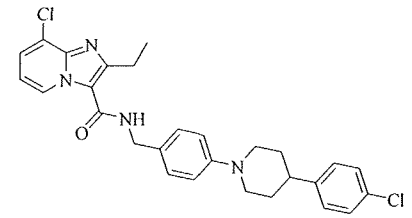
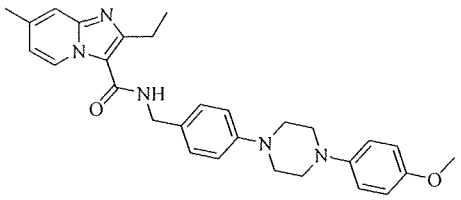
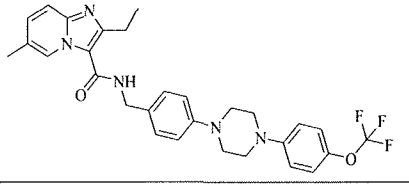
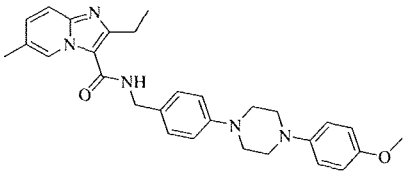
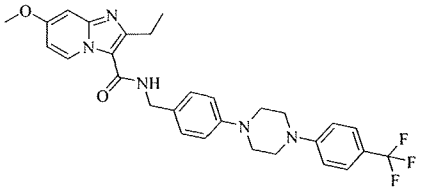
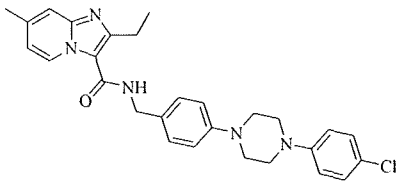
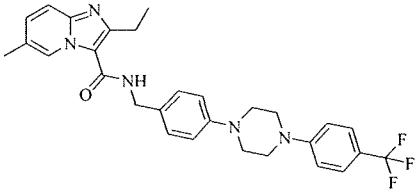
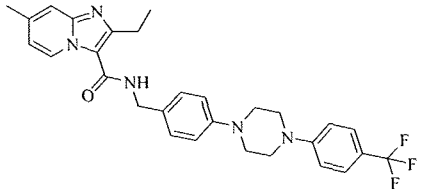
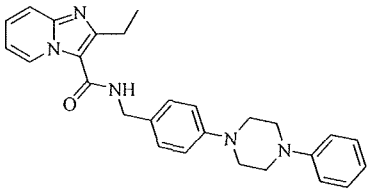
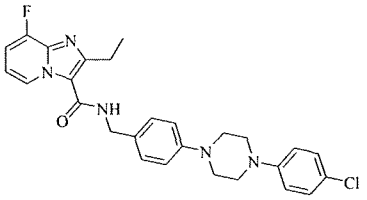
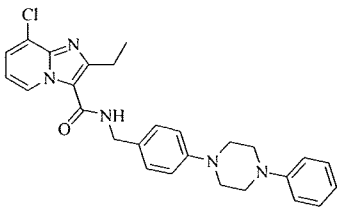
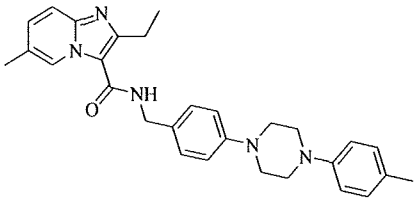
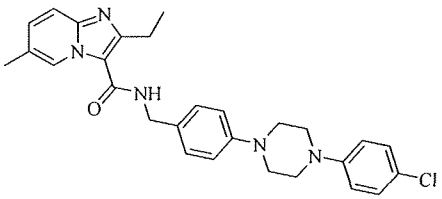
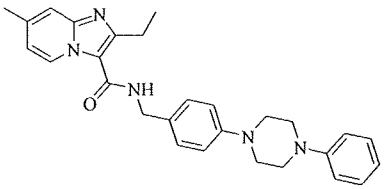
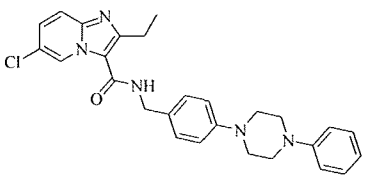
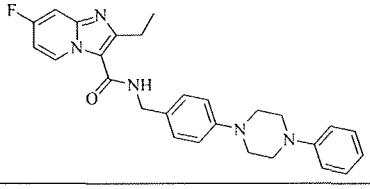
wherein, if m is 0, n is 1, X is N, Y is N, R^1 is phenyl and R^3 is ethyl, then R^4 is not 7-chloro

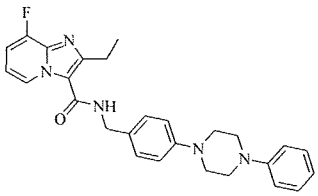
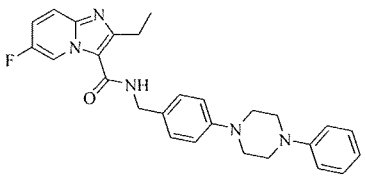
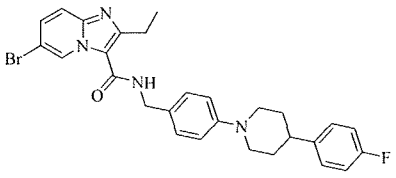
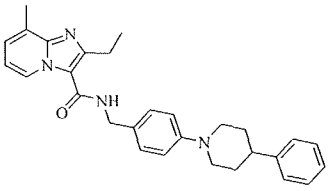
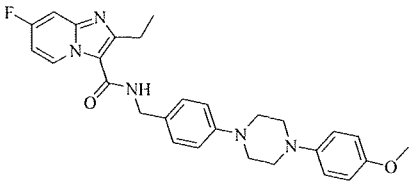
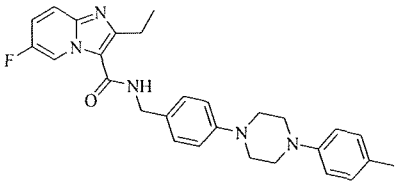
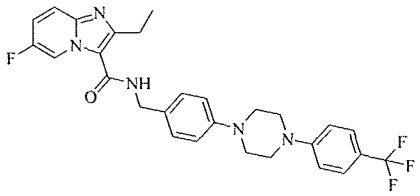
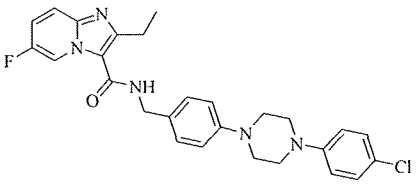
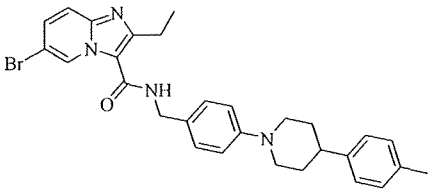
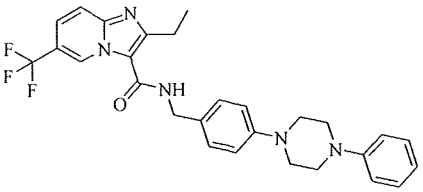
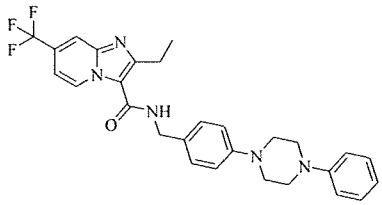
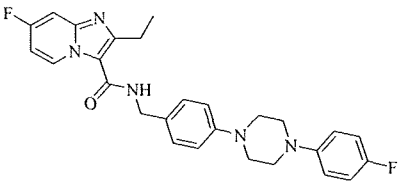
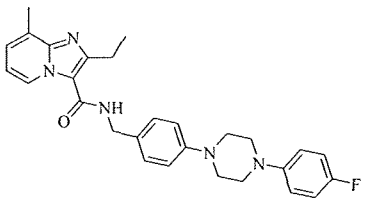
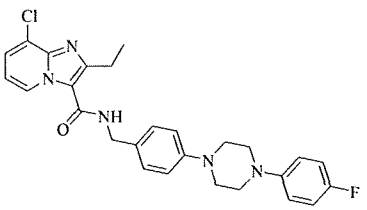
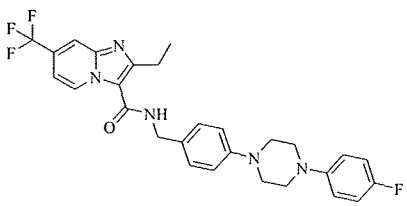
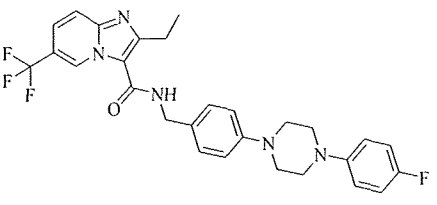
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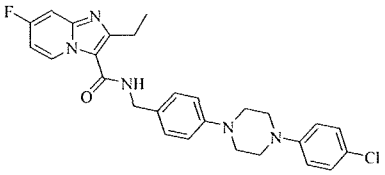
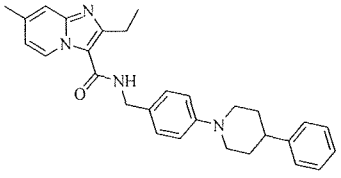
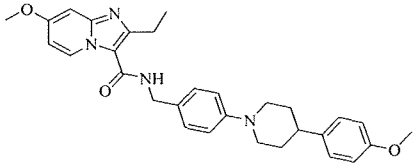
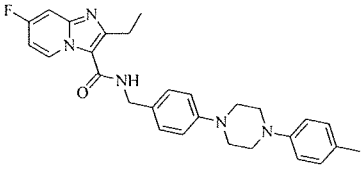
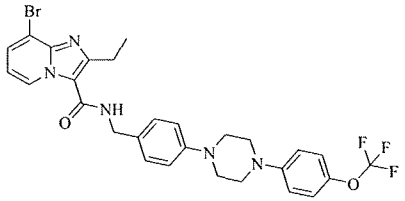
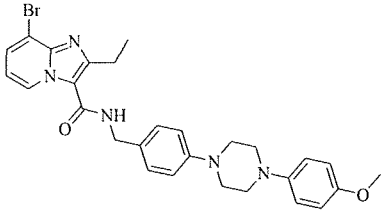
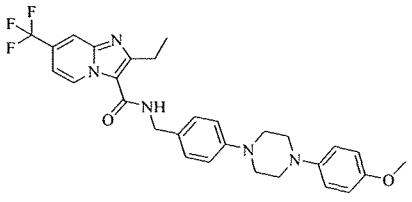
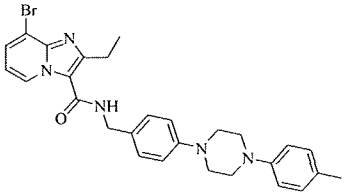
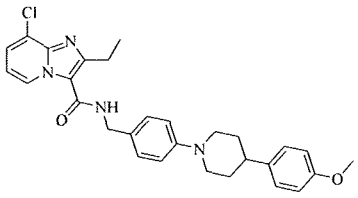
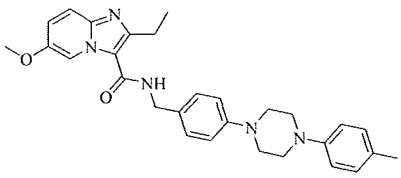
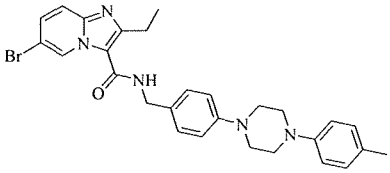
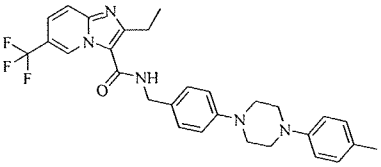
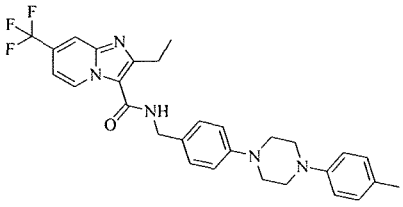
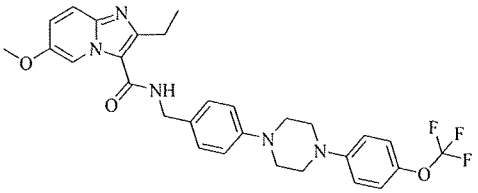
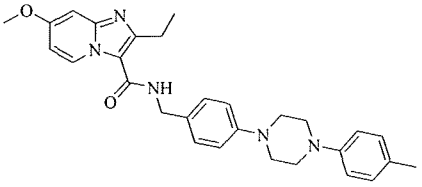
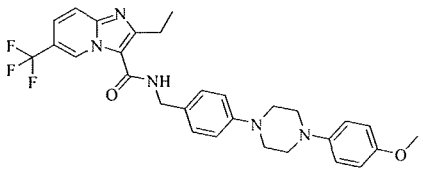
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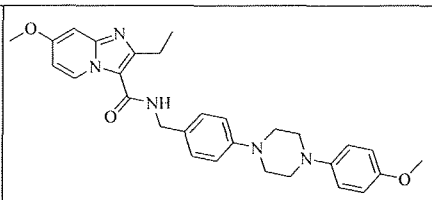
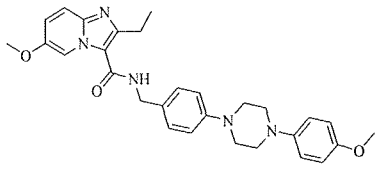
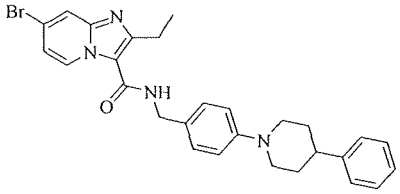
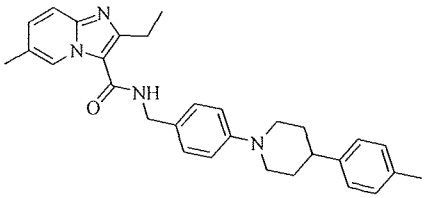
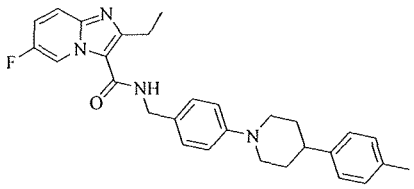
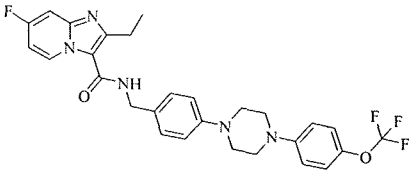
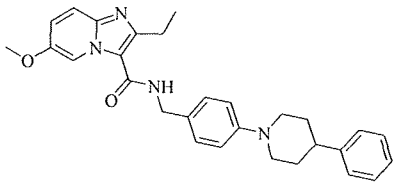
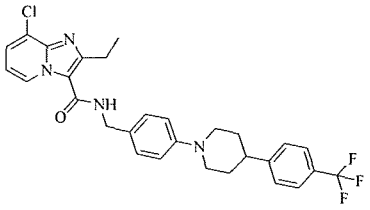
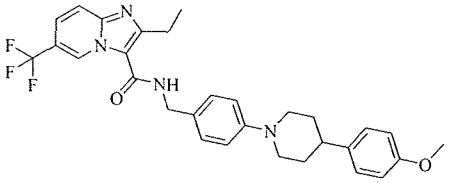
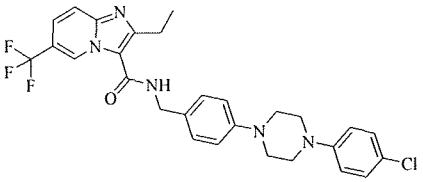
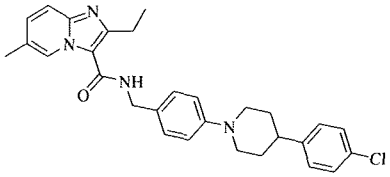
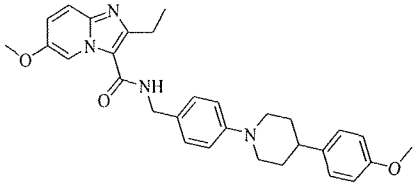
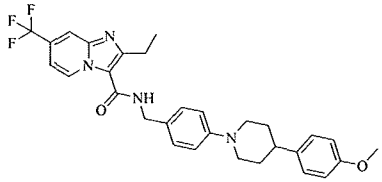
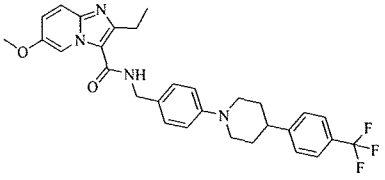
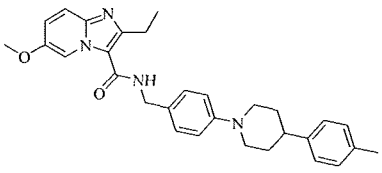
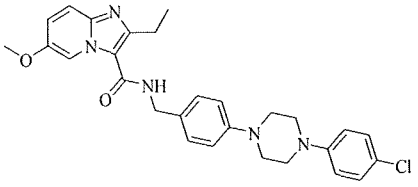
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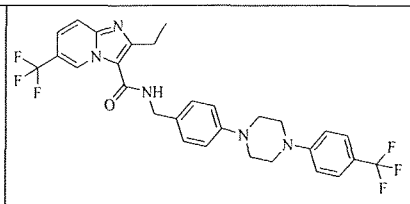
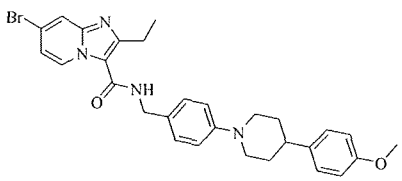
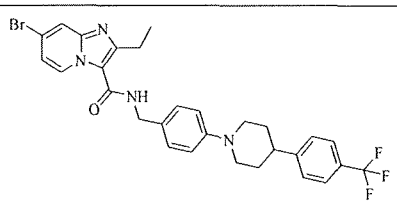
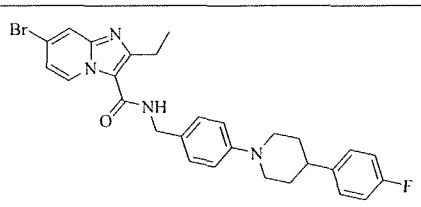
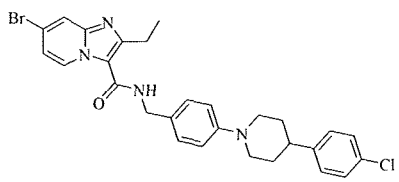
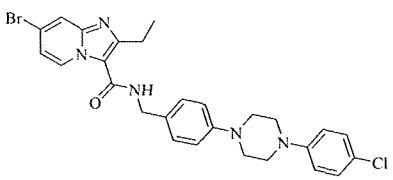
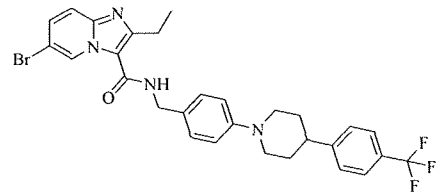
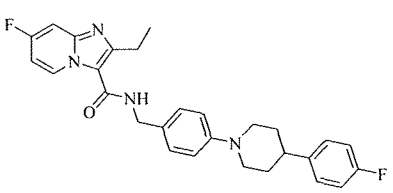
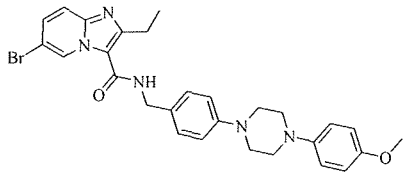
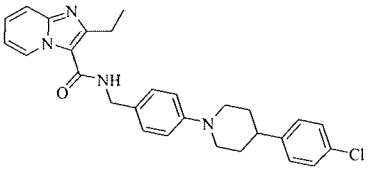
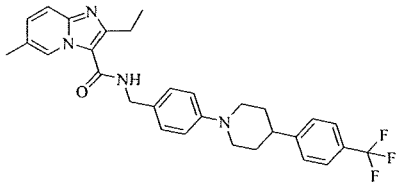
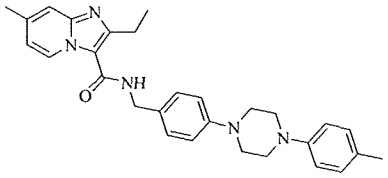
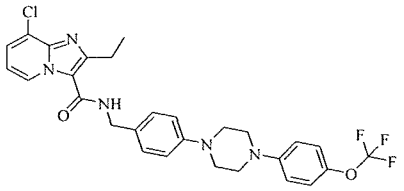
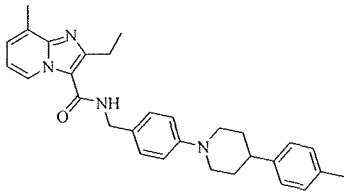
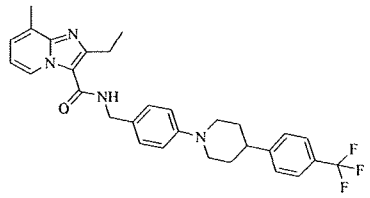
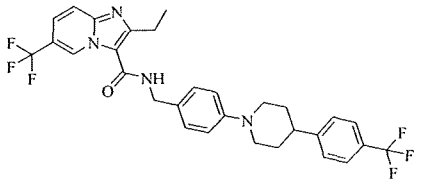
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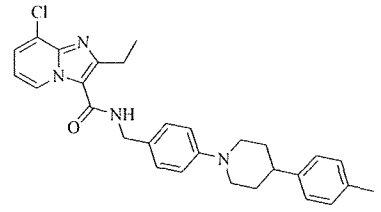
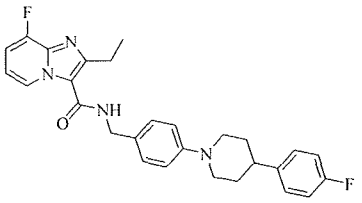
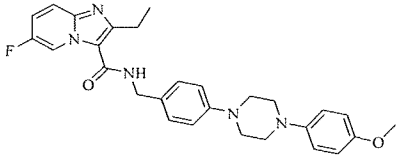
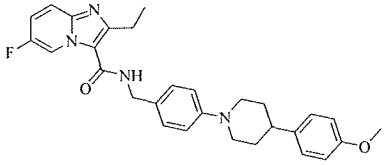
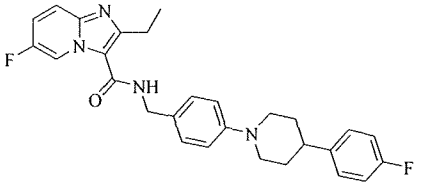
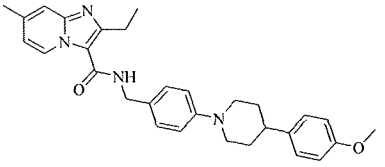
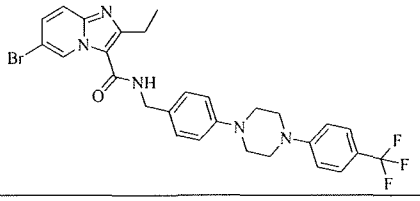
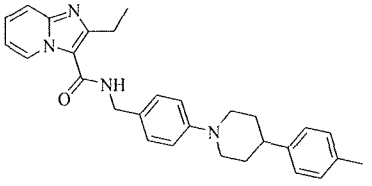
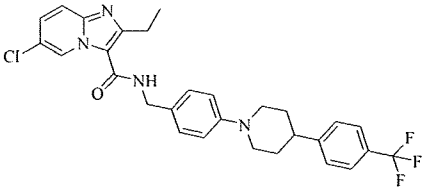
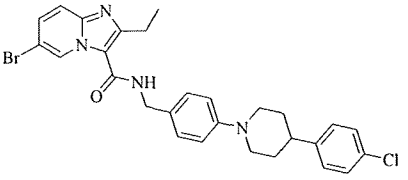
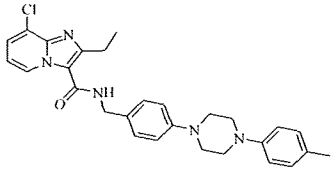
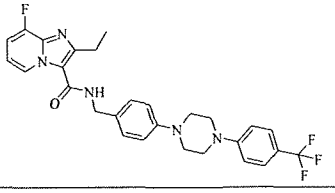
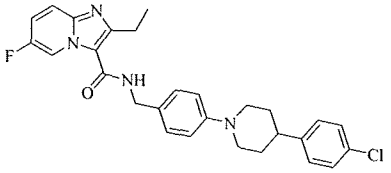
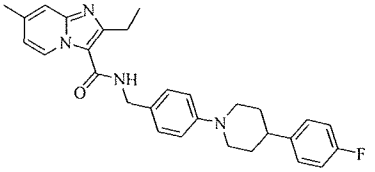
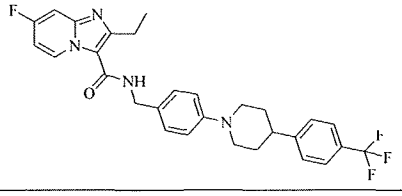
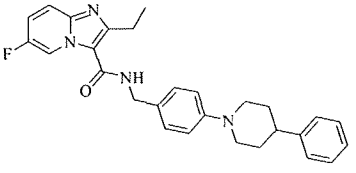
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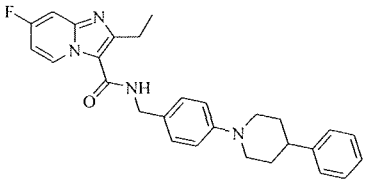
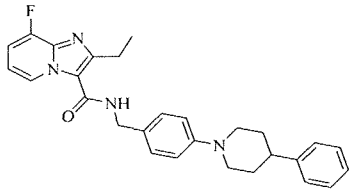
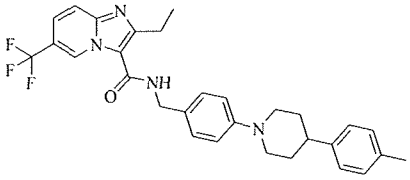
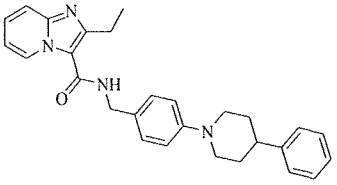
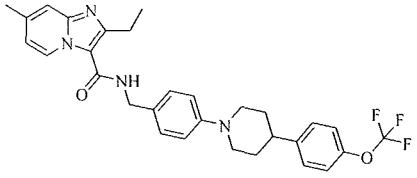
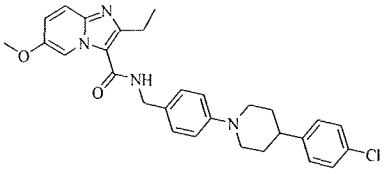
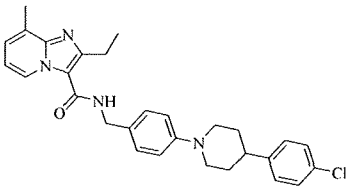
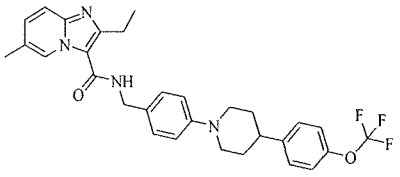
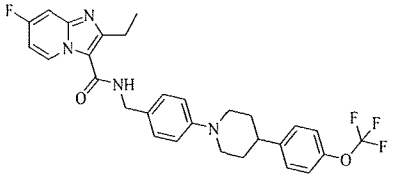
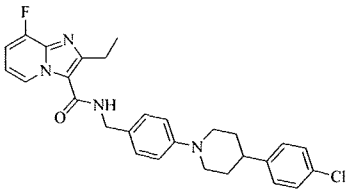
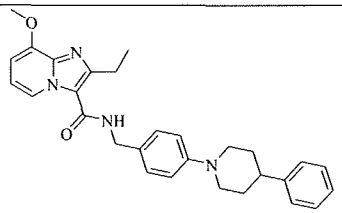
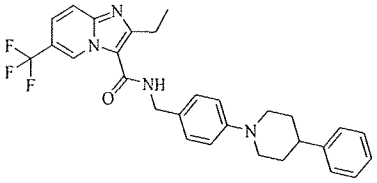
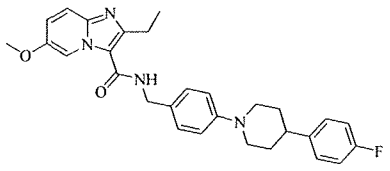
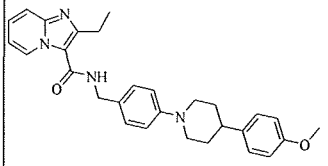
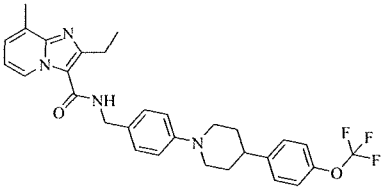
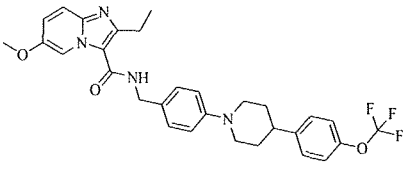
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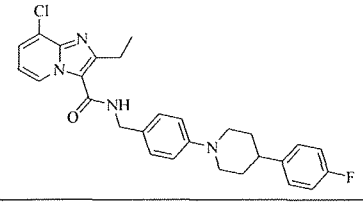
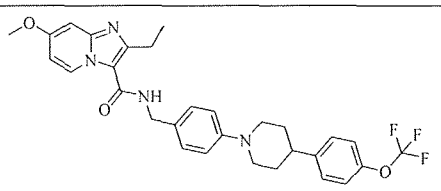
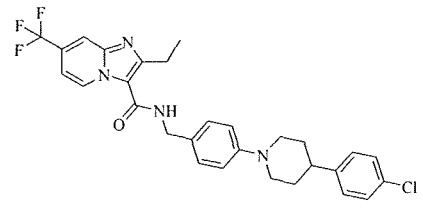
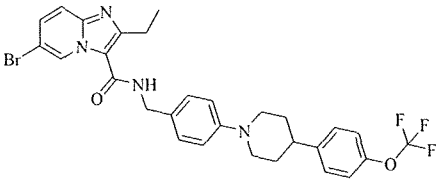
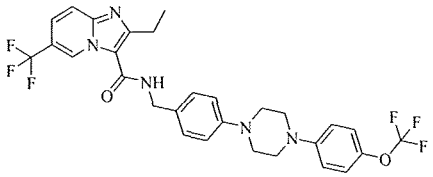
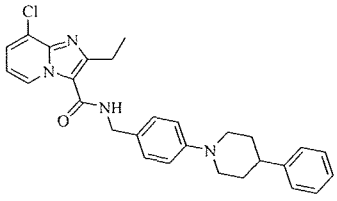
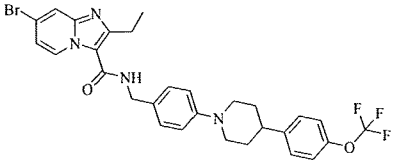
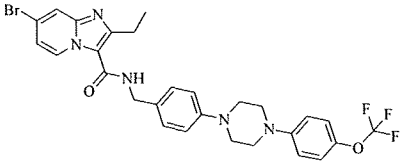
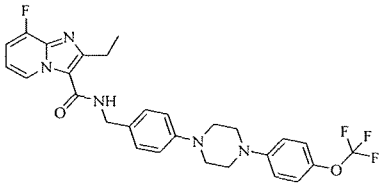
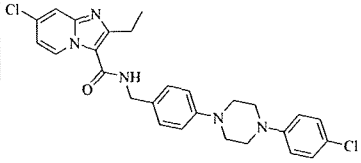
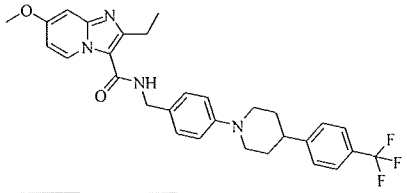
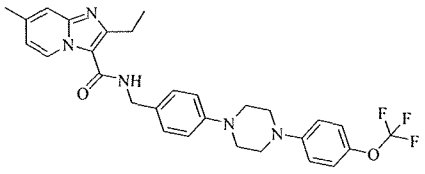
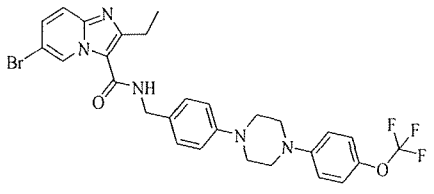
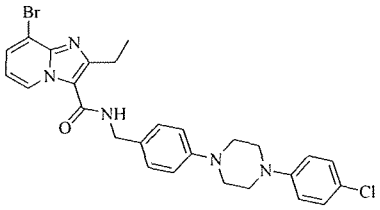
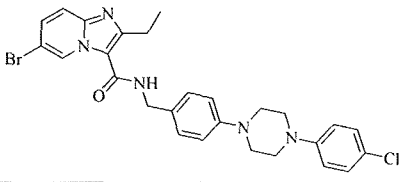
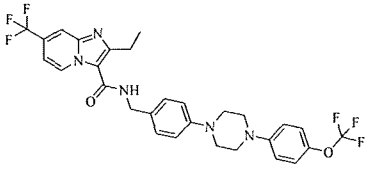
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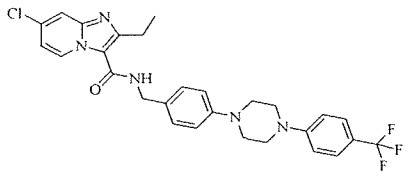
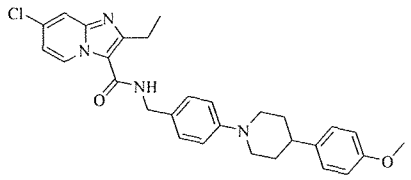
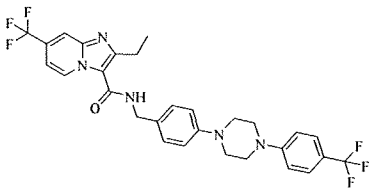
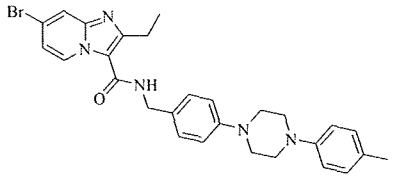
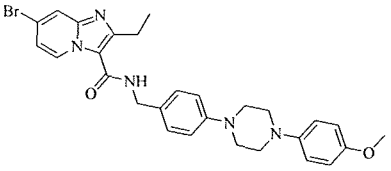
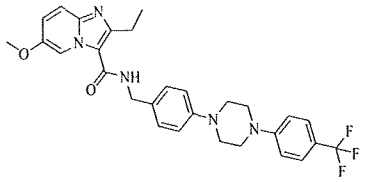
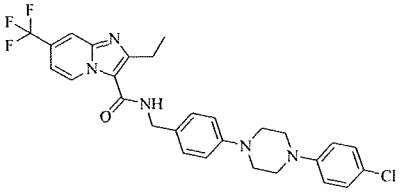
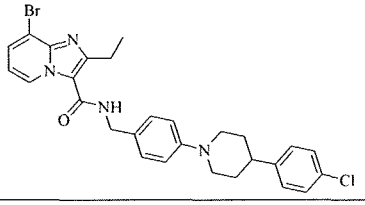
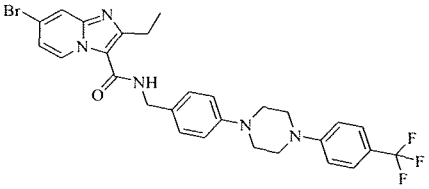
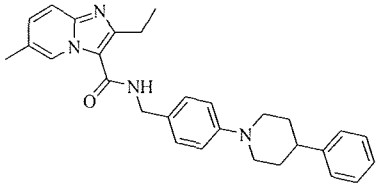
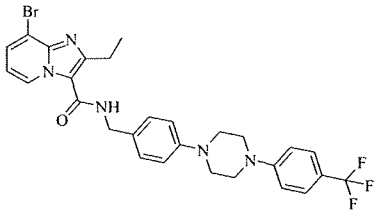
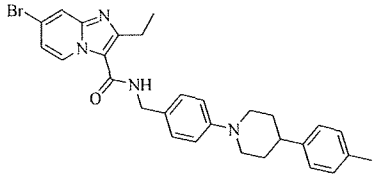
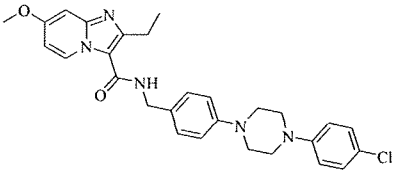
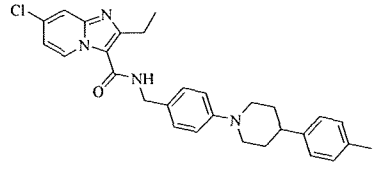
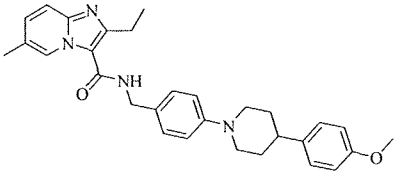
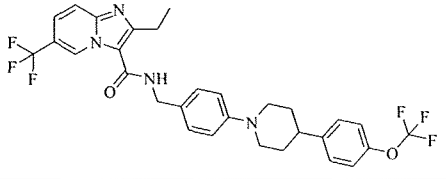
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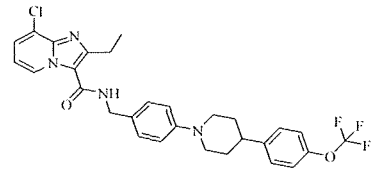
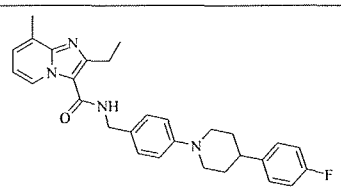
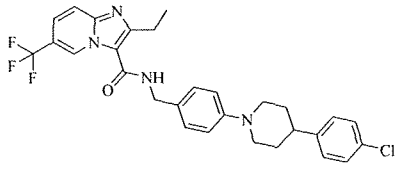
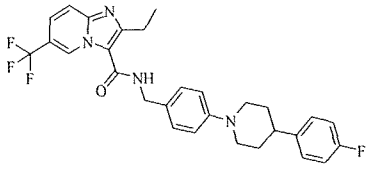
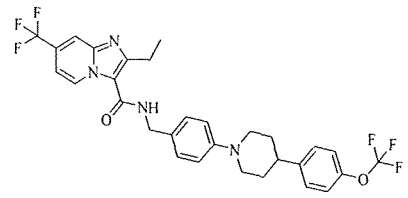
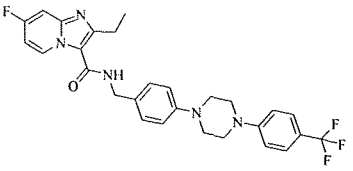
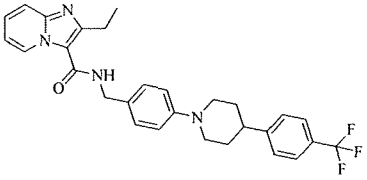
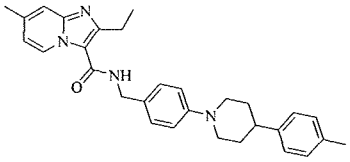
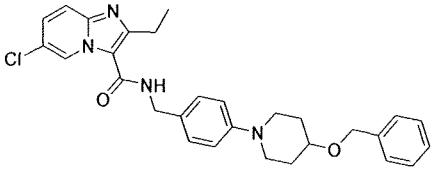
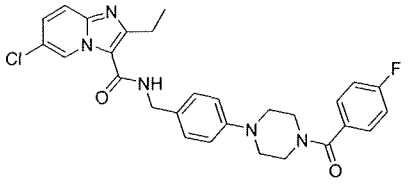
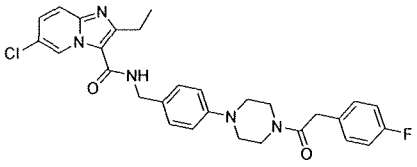
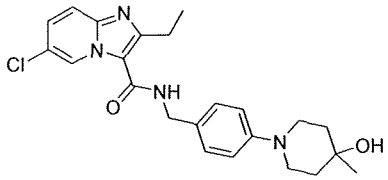
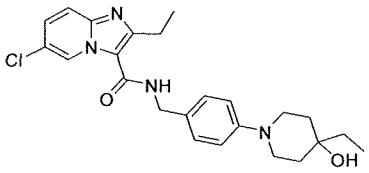
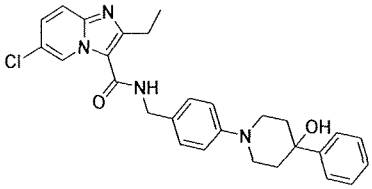
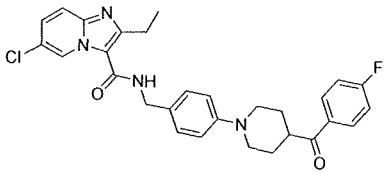
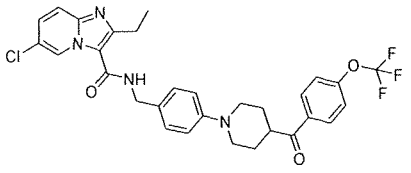
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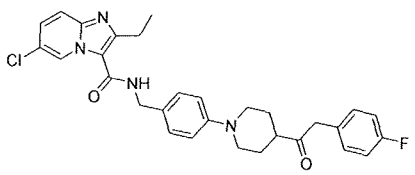
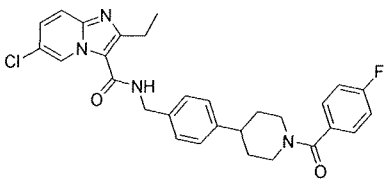
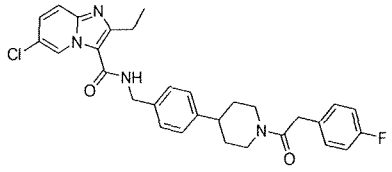
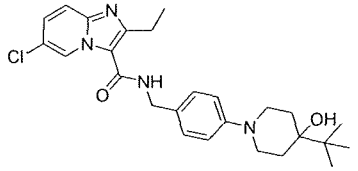
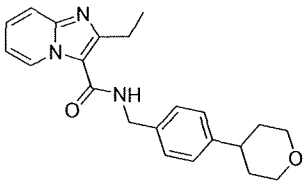
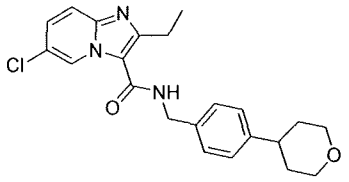
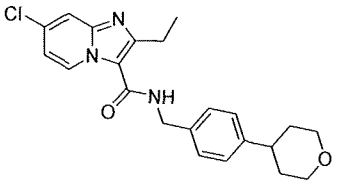
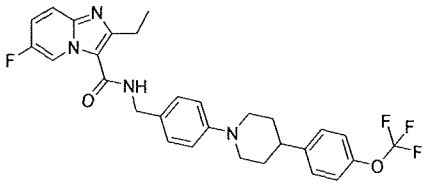
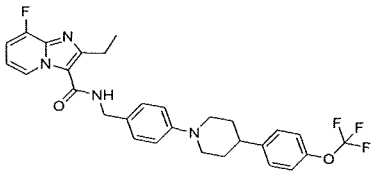
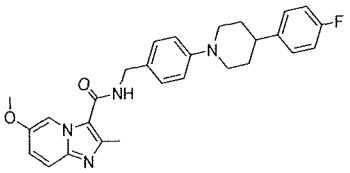
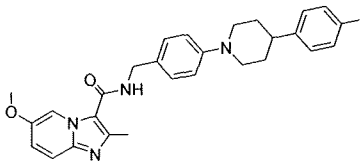
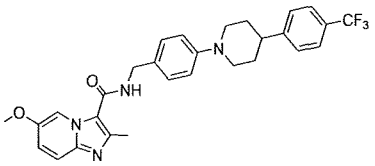
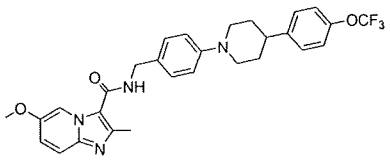
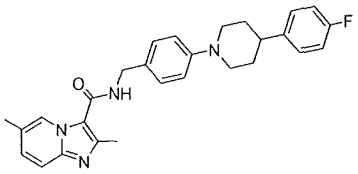
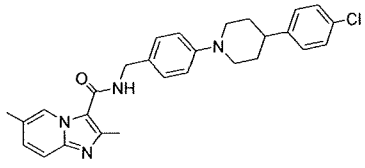
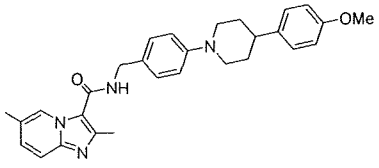
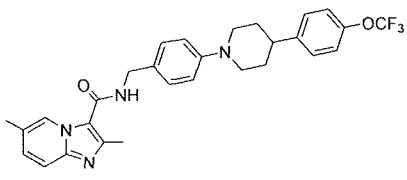
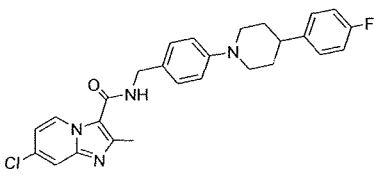
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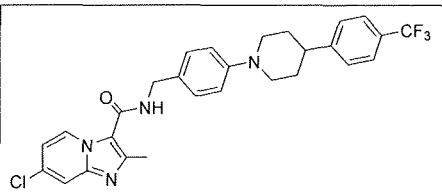
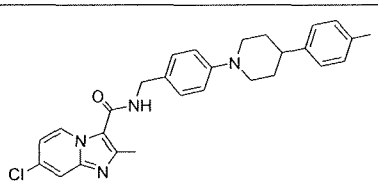
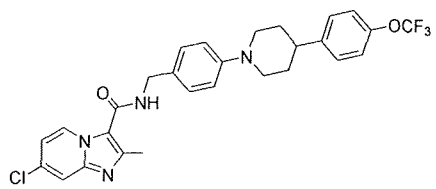
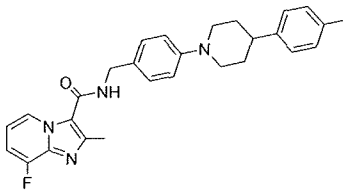
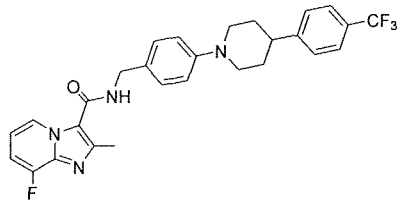
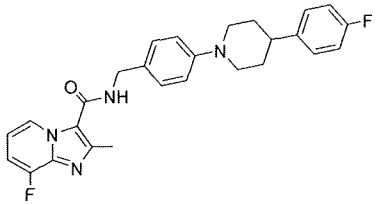
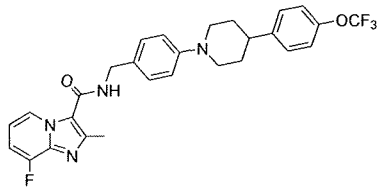
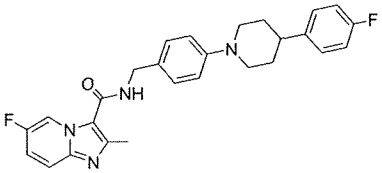
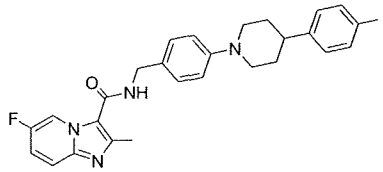
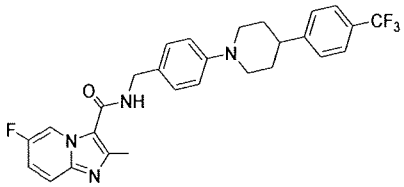
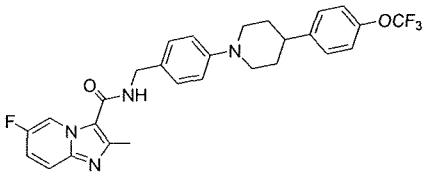
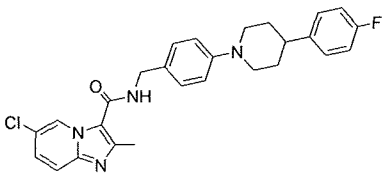
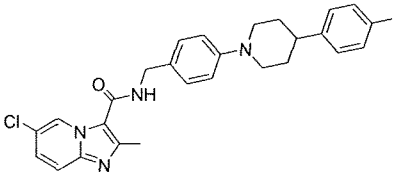
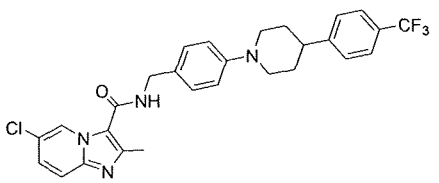
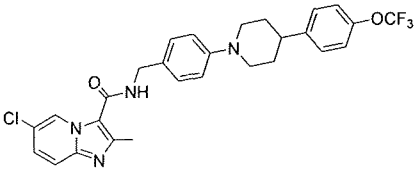
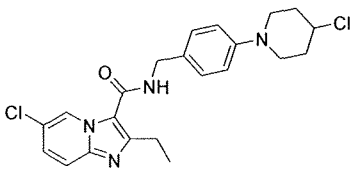
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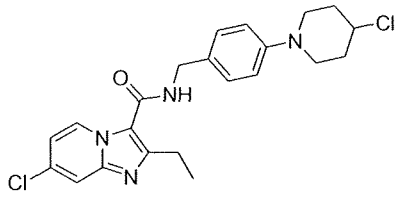
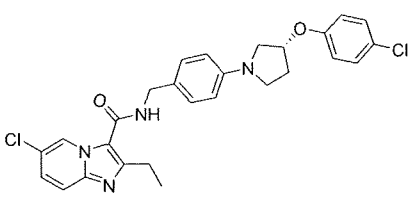
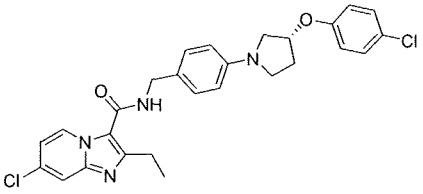
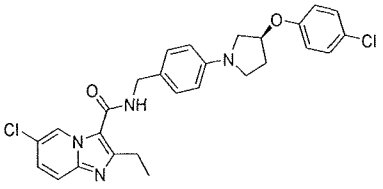
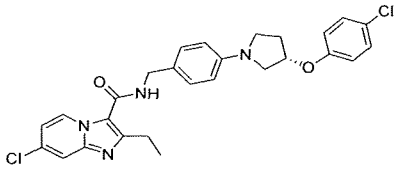
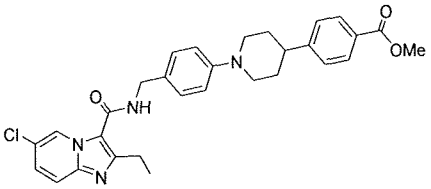
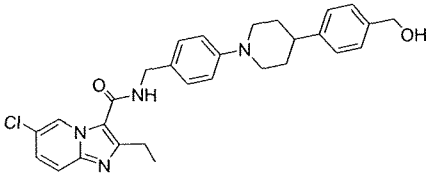
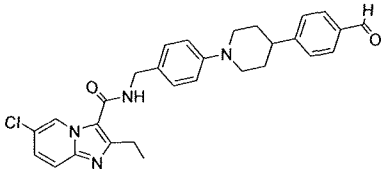
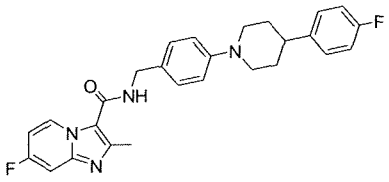
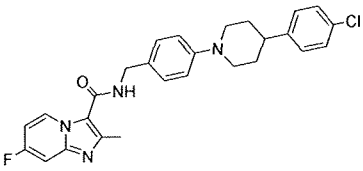
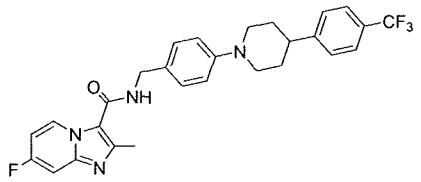
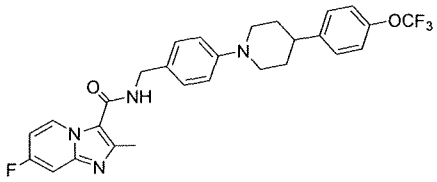
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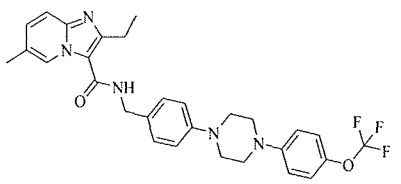
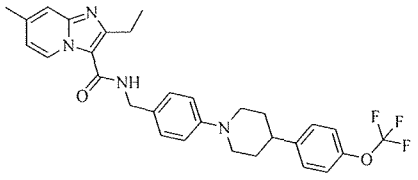
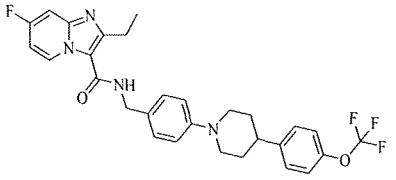
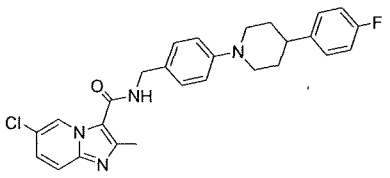
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2. The compound according to claim 1, having one of the formulae 55, 171, 175 and 325, namely

cpd	Structure
55	
171	
175	
325	

and pharmaceutically acceptable salts thereof.

3. The compound according to any of claims 1 – 2, for use in the treatment of a bacterial infection.

4. The compound according to claim 3, wherein said bacterial infection is Tuberculosis.

5. A pharmaceutical composition comprising a compound according to any of claims 1 – 4, and a pharmaceutically acceptable carrier.

6. Use of a compound according to any of claims 1 – 4 or a pharmaceutical composition according to claim 5 in the manufacture of a medicament for the treatment of a bacterial infection, in particular Tuberculosis, in a human subject in need thereof.