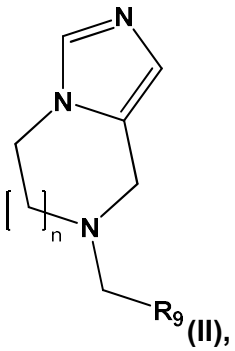
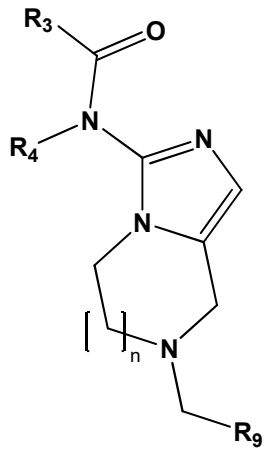
- N-(4-fluorophenyl)-7-((6-fluoropyridin-3-yl)methyl)-5,6,7,8-tetrahydroimidazo[1,5-a]pyrazin-3-amine,
- N-(4-fluorophenyl)-7-((6-methoxypyridin-3-yl)methyl)-5,6,7,8-tetrahydroimidazo[1,5-a]pyrazin-3-amine,
- 7-cyclohexyl-N-(4-fluorophenyl)-5,6,7,8-tetrahydroimidazo[1,5-a]pyrazin-3-amine,
- 7-(3-methoxyphenethyl)-N-phenyl-5,6,7,8-tetrahydroimidazo[1,5-a]pyrazin-3-amine,
- 7-(4-methoxyphenethyl)-N-phenyl-5,6,7,8-tetrahydroimidazo[1,5-a]pyrazin-3-amine,
- 7-(3-(3-methoxyphenyl)propyl)-N-phenyl-5,6,7,8-tetrahydroimidazo[1,5-a]pyrazin-3-amine,
- 7-(3-(4-methoxyphenyl)propyl)-N-phenyl-5,6,7,8-tetrahydroimidazo[1,5-a]pyrazin-3-amine,
- 3-(2-(3-(phenylamino)-5,6-dihydroimidazo[1,5-a]pyrazin-7(8H)-yl)ethyl)phenol,
- 4-(2-(3-(phenylamino)-5,6-dihydroimidazo[1,5-a]pyrazin-7(8H)-yl)ethyl)phenol,
- 3-(3-(3-(phenylamino)-5,6-dihydroimidazo[1,5-a]pyrazin-7(8H)-yl)propyl)phenol,
- 4-(3-(3-(phenylamino)-5,6-dihydroimidazo[1,5-a]pyrazin-7(8H)-yl)propyl)phenol.

10. A process for the preparation of a compound of general formula (I) according to claim 1 for which R_2 is $–CH_2-R_9$, starting from compounds of formula (II):



(II),

claim 1 for formula (I), in an aprotic solvent in the presence of an organic base to yield compounds of formula (Id):

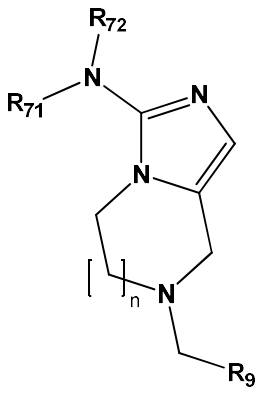


(Id),

a particular case of compounds of formula (I) according to claim 1 in which R_1 represents a $–NR_4COR_3$ group, n, R_3 and R_9 are as defined in claim 1 for formula (I), and R_4 is selected from the group consisting of a substituted or unsubstituted aryl group and substituted or unsubstituted heteroaryl group,

or,

compounds of formula (Ic) which is reacted with a compound of formula $R_{72}X$ where X is an halogen atom, and R_{72} is a linear or branched, substituted or unsubstituted C_{1-3} aliphatic radical, in an aprotic polar organic solvent in the presence of a base to yield compounds of formula (Ie):

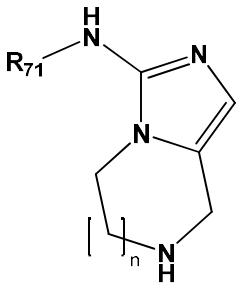


(Ie),

a particular case of compounds of formula (I) according to claim 1 in which R_1 represents a $-NR_{71}R_{72}$ group, R_{71} is selected from the group consisting of a substituted or unsubstituted aryl group and substituted or unsubstituted heteroaryl group, R_{72} represents a linear or branched, substituted or unsubstituted C_{1-3} aliphatic radical, and n and R_9 are as defined in claim 1 for formula (I),

or,

compounds of formula (Ic), which, in the case where R_9 represents a phenyl group, is debenzylated following hydrogenation under palladium catalysis in the presence of an organic solvent to give compounds of formula (VI):



(VI),

wherein R_{71} is is selected from the group consisting of a substituted or unsubstituted aryl group and substituted or unsubstituted heteroaryl group, and n is as defined in claim 1,