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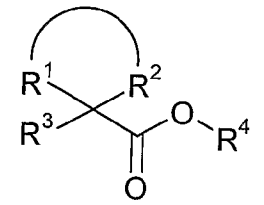
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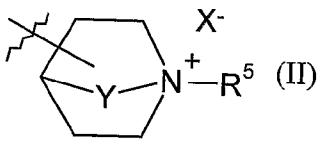
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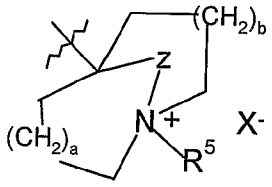
(54) Title: QUINICLIDINE DERIVATIVES OF (HETERO) ARYLCYCLOHEPTANECARBOXYLIC ACID AS MUSCARINIC RECEPTOR ANTAGONISTS



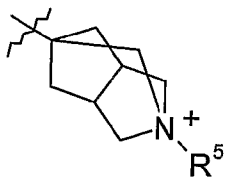
(I)



(II)



(IIIa)



X- (IIIb)

(57) Abstract: The invention provides compounds of formula (I) wherein R^4 is a group of formula (II) or (IIIa) or (IIIb) and R^1, R^2, R^3, R^5, a, b and X are as defined in the specification, a process for their preparation, pharmaceutical compositions containing them, a process for preparing pharmaceutical compositions, their use in therapy and intermediates of use in their preparation (I), (II), (IIIa), (IIIb).

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