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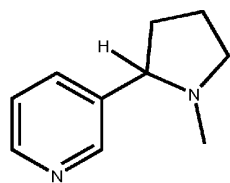
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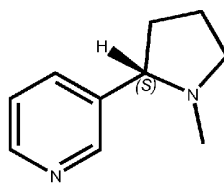
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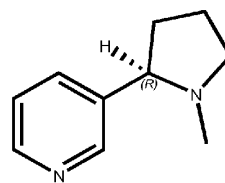
(54) Title: ENANTIOMERIC SEPARATION OF RACEMIC NICOTINE BY ADDITION OF AN O,O'-DISUBSTITUTED TAR-
TARIC ACID ENANTIOMER



Formula I-a
mixture of (R)- and (S)-Nicotine



Formula I-b
(S)-Nicotine



Formula I-c
(R)-Nicotine

(57) Abstract: The present invention relates to a method of separating racemic nicotine of Formula (I-a) as a mixture of the (R)- and (S)-enantiomers into the enantiomerically pure (S)- and (R)-nicotine represented by Formula (I-b) and (I-c), by adding a mixture of the L- and the D-enantiomer of a O,O'-disubstituted tartaric acid, wherein the molar ratio of the L- to the D-enantiomer is from 80:20 to 95:5, and obtaining the (S)-nicotine of formula (I-b), or by adding O,O'-dibenzoyl-D-tartaric acid and obtaining the (R)-nicotine of formula (I-c).

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