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(54) **REGIOSELECTIVE HALOGENATION OF
NICOTINE AND SUBSTITUTED NICOTINES**

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(58) **Field of Classification Search** 546/279.4,
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See application file for complete search history.

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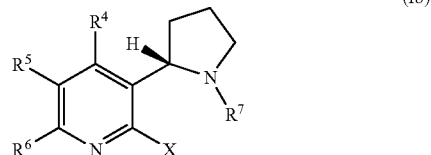
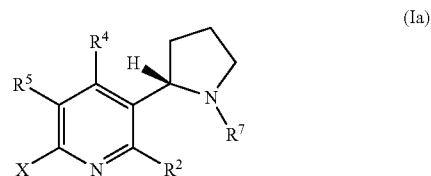
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(57) **ABSTRACT**

A first aspect of the present invention is a method for of
making a compound of Formula Ia or Formula Ib:



wherein X is halo, by (a) metalating a precursor compound
to form an organometallic intermediate, and then reacting
the organometallic intermediate with a halogenating agent to
produce the compound of Formula Ia or Formula Ib.

9 Claims, No Drawings