US007179917B2

(12) **United States Patent**
Comins et al.

(10) **Patent No.: US 7,179,917 B2**
(45) **Date of Patent: Feb. 20, 2007**

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

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **11/413,281**

(22) Filed: **Apr. 28, 2006**

(65) **Prior Publication Data**

US 2006/0189812 A1 Aug. 24, 2006

Related U.S. Application Data

(62) Division of application No. 10/926,821, filed on Aug. 26, 2004, now Pat. No. 7,067,672.

(60) Provisional application No. 60/498,046, filed on Aug. 27, 2003.

(51) **Int. Cl.**
C07F 15/00 (2006.01)

(52) **U.S. Cl.** **546/4**

(58) **Field of Classification Search** 546/4
See application file for complete search history.

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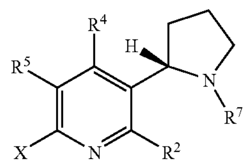
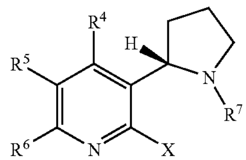
(57) **ABSTRACT**

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

(Ia)



(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.

6 Claims, No Drawings