**Drug Status Report**

**Drug:** (-)-2β-Carbomethoxy-3β-(4-iodophenyl)nortropane

**Drug Name Status:** N-Nor-3-(4′-iodophenyl)tropane-2-carboxylic acid methyl ester

**Chemical Name:** 8-Azabicyclo(3.2.1)octane-2-carboxylic acid, 3-(4-iodophenyl)-methyl ester, (1R-(exo,exo))

**Other Names:** N-Nor-CIT, Nor-β-CIT

**Chemical structure:**

![Chemical Structure Image]

**Molecular Formula:** C₁₅H₁₈INO₂

**Pharmacological class / Application:** 5-HT transporter ligand

**International status:**

**US:** The substance is not listed specifically in the Schedules to the CSA and is not mentioned in the DEA website. However, it may be considered a controlled substance under Schedule II to the CSA.

**United Nations:** The substance is not listed on the Yellow List - List of Narcotic Drugs under International Control. The drug is not listed on the Green List - List of Psychotropic Substances under International Control.

**Canadian Status:** (-)-2β-Carbomethoxy-3β-(4-iodophenyl)nortropane is an analogue of N-norcocaine and has been shown in both *in vitro* and *in vivo* studies to display an enhanced affinity for the serotonin and norepinephrine transporters¹². The substance is synthesized directly


from cocaine\(^3\), which is listed as Item 2(2) under Schedule I to the CDSA, and therefore is included under Item 2(2) of Schedule I under the heading “Coca (Erythroxylon), its preparations, derivatives, alkaloids and salts, including:”

Recommendation: (-)-2β-Carbomethoxy-3β-(4-iodophenyl)nortropane is included in Item 2 of Schedule I to the CDSA and is considered a controlled substance.

March 8\(^{th}\), 2010.

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