

Catalogue Number Product Order number / Unit

4030 **(-)-2-beta-Carbomethoxy-3-beta-(4-iodophenyl)tropane**

Reference standard for [¹¹C]beta-CIT
Precursor for [^{*}I]beta-CIT

Molar Mass: 385.24

C₁₆H₂₀INO₂

[135416-43-2]

Colourless to yellowish crystals packaged in dark glass crimp cap vials (4030.0001) or screw cap vials (4030.0025).

Purity: > 95 %

Certificates:

CoA; ¹H NMR spectrum

Chemical Name:

CA index name: 8-Azabicyclo[3.2.1]octane-2-carboxylic acid, 3-(4-iodophenyl)-8-methyl, methyl ester, (1R,2S,3S,5S)-

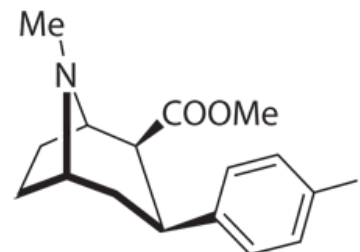
Synonymes:

β-CIT; 2-CIT

Literature:

1. Muller L. et al. [¹¹C]-beta-CIT, a cocaine analogue. Preparation, autoradiography and preliminary PET investigations. Nucl. Med. Biol. 1993, 20, 249-255.
2. Ametamey S.M. et al. Synthesis of nor-beta-CIT, beta-CIT and trimethylstannyl-beta-CT. Nucl. Med. Biol. 1995, 22, 959-964.

4030.0001: 1 mg per vial
4030.0025: 25 mg per vial
Please inquire for customized filling and bulk quantities.



date of product catalogue issue: 05 April 2012