

Catalogue Number	Product	Order number / Unit
------------------	---------	---------------------

**4040****TMS-CT**

Precursor for [<sup>18</sup>F]CFT  
Precursor for [<sup>123</sup>I]beta-CIT

**Molar Mass:** 422.15C<sub>19</sub>H<sub>29</sub>NO<sub>2</sub>Sn

[158111-10-5]

Colourless crystals packaged in dark glass crimp cap vials (4040.0001) or screw cap vials (4040.0025).

**Purity:** > 95 %**Certificates:**CoA; <sup>1</sup>H and <sup>119</sup>Sn NMR spectra**Chemical Name:**

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

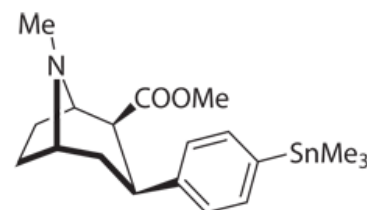
**Synonyms:**

(-)-2-β-Carbomethoxy-3β-[4-(trimethylstannyl)]phenyltropane; Trimethylstannyl-β-CT

**Literature:**

1. Ametamey S.M. et al. Synthesis of nor-beta-CIT, beta-CIT and trimethylstannyl-beta-CT. Nucl. Med. Biol. 1995, 22, 959-964.
2. Zea-Ponce Y. et al. Simplified multidose preparation of iodine-123-β-CIT: a marker for dopamine transporters. J. Nucl. Med. 1995, 36, 525-529.
3. Carpinelli A. et al. Radiosynthesis of [<sup>123</sup>I]-beta-CIT, a selective ligand for the study of the dopaminergic and serotonergic systems in human brain. Appl. Rad. Isot. 2001, 54, 93-95.

4040.0001: 1 mg per vial  
4040.0025: 25 mg per vial  
Please inquire for customized filling and bulk quantities.



date of product catalogue issue: 05 April 2012