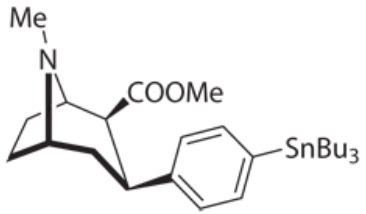


Catalogue Number	Product	Order number / Unit
4041	<p><b>TBS-CT</b></p> <p>Precursor for [<sup>18</sup>F]CFT Precursor for [<sup>1</sup>I]beta-CIT</p> <p><b>Molar Mass:</b> 548.39 C<sub>28</sub>H<sub>47</sub>NO<sub>2</sub>Sn</p> <p>[136794-88-2]</p> <p>Highly viscous oil packaged in dark glass crimp cap vials.</p> <p><b>Purity:</b> &gt; 95 %</p> <p><b>Certificates:</b> CoA; <sup>1</sup>H and <sup>119</sup>Sn NMR spectra</p> <p><b>Chemical Name:</b> CA index name: 8-Azabicyclo[3.2.1]octane-2-carboxylic acid, 8-methyl-3-[4-(tributylstannyl)phenyl]-, methyl ester, (1R,2S,3S,5S)-</p> <p><b>Synonymes:</b> (-)-2-β-Carbomethoxy-3β-[4-(tributylstannyl)]phenyltropane; 8-Azabicyclo[3.2.1]octane-2-carboxylic acid, 8-methyl-3-[4-(tributylstannyl)phenyl]-, methyl ester, [1R-(exo,exo)]-Tributylstannyl-β-CT</p> <p><b>Literature:</b></p> <ol style="list-style-type: none"> <li>Loch Ch. et al. Synthesis of 2β-carbomethoxy-3β-(4-[<sup>76</sup>Br]bromophenyl)tropane ([<sup>76</sup>Br]beta-CBT), a PET tracer for in vivo imaging of the dopamine uptake sites. J. Labelled Comp. Radiopharm. 1995, 36, 385-92.</li> <li>Baldwin R.M. et al. Evaluation of the monoamine uptake site ligand [<sup>123</sup>I]methyl 3β(4-iodophenyl) tropane-2β-carboxylate ([<sup>123</sup>I]β-CIT) in nonhuman primates: Pharmacokinetics, biodistribution and SPECT brain imaging co-registered with MRI. Nucl. Med. Biol. 1993, 20, 597-606.</li> <li>Neumeyer J.L. et al. [<sup>123</sup>I]-2β-carbomethoxy-3β-(4-iodophenyl)-tropane: high-affinity SPECT (single photon emission computed tomography) radiotracer of monoamine reuptake sites in brain. J. Med. Chem. 1991, 34, 3144-6.</li> </ol>	<p>4041.0001: 1 mg per vial 4041.0025: 25 mg per vial Please inquire for customized filling and bulk quantities.</p> 

date of product catalogue issue: 05 April 2012