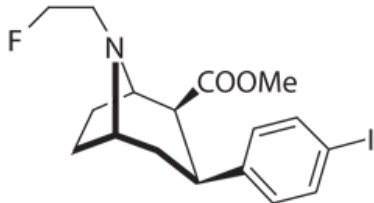


Catalogue Number	Product	Order number / Unit
<b>4110</b>	<b>CITFE</b> <b>Reference standard for [<sup>18</sup>F]beta-CITFE</b> <b>Reference standard for [<sup>I</sup>]beta-CITFE</b>  <b>Molar Mass:</b> 417.26 <b>C<sub>17</sub>H<sub>21</sub>FINO<sub>2</sub></b> [155798-01-9]  Colourless to yellowish crystals packaged in dark glass screw cap vials.  <b>Purity:</b> > 95 % <b>Certificates:</b> CoA; <sup>1</sup> H and <sup>19</sup> F NMR spectra <b>Chemical Name:</b> CA index name: 8-Azabicyclo[3.2.1]octane-2-carboxylic acid, 8-(2-fluoroethyl)-3-(4-iodophenyl)-, methyl ester, (1R,2S,3S,5S)- <b>Synonyms:</b> N-2-fluoroethyl-3-β-(4-iodophenyl)nortropane-2-β-carboxylic acid methyl ester ; CITFE ; β-CIT-FE <b>Literature:</b> 1. Antonini A. et al. The status of dopamine nerve terminals in Parkinson's disease and essential tremor: a PET study with the tracer [ <sup>11</sup> C]FE-CIT. <i>Neurol. Sci.</i> 2001, 22, 47-48. 2. Halldin C. et al. [ <sup>11</sup> C]beta-CIT-FE, a radioligand for quantitation of the dopamine transporter in the living brain using positron emission tomography. <i>Synapse</i> 1996, 22, 386-390. 3. Baldwin R.M. et al. Regional brain uptake and pharmacokinetics of [ <sup>123</sup> I]N-ω-fluoroalkyl-2-β-carboxy-3-β-(4-iodophenyl)-nortropane esters in baboons. <i>Nucl. Med. Biol.</i> 1995, 22, 211-209.	<b>4110.0001: 1 mg per vial</b> <b>4110.0010: 10 mg per vial</b> Please inquire for customized filling and bulk quantities.  

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