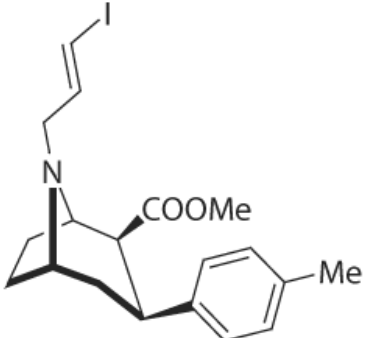


Catalogue Number	Product	Order number / Unit
<b>4170</b>	<b>PE2I</b> <b>Reference standard for [<sup>11</sup>C]PE2I</b> <b>Molar Mass:</b> 425.3 $C_{19}H_{24}INO_2$ [188680-71-9] Colourless to yellowish solid packaged in dark glass screw cap vials. <b>Purity:</b> > 95 % <b>Certificates:</b> CoA; <sup>1</sup> H NMR spectrum <b>Chemical Name:</b> CA index name: 8-Azabicyclo[3.2.1]octane-2-carboxylic acid, 8-[(2E)-3-iodo-2-propenyl]-3-(4-methylphenyl)-, methyl ester, (1R,2S,3S,5S)- <b>Synonymes:</b> (E)-N-3-Iodoprop-2-enyl)-2β-carbomethoxy-3β-(p-tolyl)-nortropane <b>Literature:</b> Halldin C. et al. [ <sup>11</sup> C]PE2I: a highly selective radioligand for PET examination of the dopamine transporter in monkey and human brain. <i>Eur. J. Nucl. Med. Mol. Imaging</i> 2003, 30, 1220-1230. Emond P. et al. Synthesis and Ligand Binding of Nortropane Derivatives: N-Substituted 2β-Carbomethoxy-3β-(4'-iodophenyl)-nortropane and N-(3-Iodoprop-(2E)-enyl)-2β-carbomethoxy-3β-(3',4'-disubstituted phenyl)nortropane. <i>New High-Affinity and Selective Compounds for the Dopamine Transporter. J. Med. Chem.</i> 1997, 40, 1366-1372.	<b>4170.0010: 10 mg per vial</b> <b>Please inquire for customized filling and bulk quantities.</b> 

date of product catalogue issue: 10 May 2017