

| Catalogue Number | Product | Order number / Unit |
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4170**PE2I****4170.0010: 10 mg per vial**
Please inquire for customized filling and bulk quantities.**Reference standard for [¹¹C]PE2I****Molar Mass:** 425.3C₁₉H₂₄INO₂

[188680-71-9]

Yellowish to colourless solid packaged in dark glass screw cap vials.

Purity: > 95 %**Certificates:**CoA; ¹H NMR spectrum**Chemical Name:**

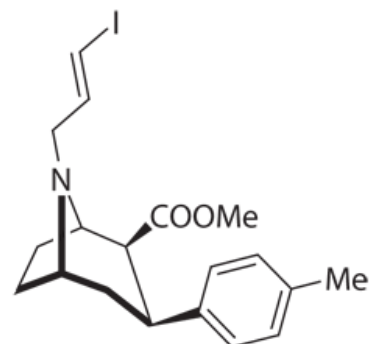
CA index name: 8-Azabicyclo[3.2.1]octane-2-carboxylic acid, 8-[(2E)-3-iodo-2-propenyl]-3-(4-methylphenyl)-, methyl ester, (1R,2S,3S,5S)-

Synonymes:

(E)-N-3-Iodoprop-2-enyl)-2β-carbomethoxy-3β-(p-tolyl)-nortropane

Literature:

1. Halldin C. et al. [¹¹C]PE2I: a highly selective radioligand for PET examination of the dopamine transporter in monkey and human brain. *Eur. J. Nucl. Med. Mol. Imaging* 2003, 30, 1220-1230.
2. 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. *New High-Affinity and Selective Compounds for the Dopamine Transporter*. *J. Med. Chem* 1997, 40, 1366-1372.



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