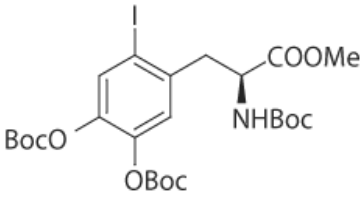
Catalogue Number	Product	Order number / Unit

1350 TriBoc-Iodo-L-DOPA

1350.0050: 50 mg per vial
Please inquire for customized filling and bulk quantities.

Precursor for 6-[$^{123/125}$I]Iodo-DOPA



Molar Mass: 637.46

$C_{25}H_{36}INO_{10}$

[853759-55-4]

Colourless to yellowish solid packaged in dark glass screw cap vials.

Purity: > 95 %

Certificates:
CoA; ^{1}H NMR spectrum

Chemical Name:
CA index name: L-Tyrosine, 5-[[(1,1-dimethylethoxy)carbonyl]oxy]-N-[(1,1-dimethylethoxy)carbonyl]-2-iodo-, methyl ester, 1,1-dimethylethyl carbonate

Synonymes:
N-tert-butoxycarbonyl-3,4-di-tert-butoxycarbonyloxy-6-iodo-L-phenylalanine methyl ester

Literature:

Okazaki M. et al. Regioselective Synthesis of 6-[^{18}F]Fluoro-L-dopa via Radiofluorodestannylation. CYRIC Annual Report 1997, 99-102.

Kawai K. et al. Synthesis and Evaluation of Radioiodinated 6-Iodo-L-Dopa as a Cerebral L-Amino Acid Transport Marker. Nucl. Med. Biol. 1996, 23, 251-255.

Namavari M. et al. Regioselective Radiofluorodestannylation with [^{18}F]F_2 and [^{18}F]CH_3COOF: a High Yield Synthesis of 6[^{18}F]Fluoro-L-DOPA. Appl. Radiat. Isot. 1992, 43, 989-996.

Adam M.J. et al. Synthesis and preliminary Evaluation of L-6-[^{123}I]Iododopa as a Potential spect brain imaging agent. J. Labelled Compd. Radiopharm. 1990, 28, 155-166.

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