

Catalogue Number	Product	Order number / Unit
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3000 N,O-Di-Boc-2-TMSn-L-tyrosine ethyl ester

3000.0060: 60 mg per vial
Please inquire for customized filling and bulk quantities.

Precursor for 2-[¹⁸F]Fluoro-L-tyrosine

Molar Mass: 572.28

C₂₄H₃₉NO₇Sn

[400885-40-7]

Yellowish, highly viscous oil packaged in dark glass crimp cap vials.

Purity: > 95 %

Certificates:

CoA; ¹H and ¹¹⁹Sn NMR spectra, HPLC

Chemical Name:

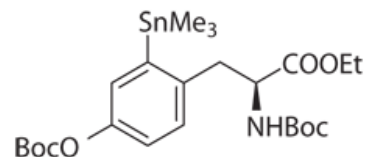
CA index name: L-Tyrosine, N-[(1,1-dimethylethoxy)carbonyl]-2-(trimethylstannyl)-, ethyl ester, 1,1-dimethylethyl carbonate (ester)

Synonymes:

N,O-Di-Boc-2-trimethylstannyl-L-p-tyrosine ethyl ester; 2-TT

Literature:

- Hess E. et al. Synthesis of 2-[¹⁸F]fluoro-L-tyrosine via regiospecific fluoro-de-stannylation. Appl. Radiat. Isot. 2002, 57, 185-191.
- Hess E. Production of [¹⁸F]fluorine via the ¹⁸O(p,n)¹⁸F nuclear reaction and application in the ¹⁸F-labelling of aromatic amino acids. Berichte des Forschungszentrums Jülich 2001, Juel-3873 i-ix, 1-144.
- Nef W.W. et al. N-acetyl-2-(trimethyl-stannyl)-4-butoxycarbonyloxy-L-phenylalaninethylester (4) for the production of 2-fluorotyrosine. Eur. J. Nucl. Med. 1997, 24, 1056.



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