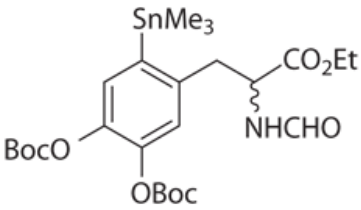
Catalogue Number	Product	Order number / Unit

1302 6-Trimethylstannyl-D,L-DOPA

1302.0010: 10 mg per vial
1302.0100: 100 mg per vial
Please inquire for customized filling and bulk quantities.

Precursor for 6-[^{18}F]Fluoro-D,L-DOPA
(Analytical standard for validation of 6-[^{18}F]Fluoro-L-DOPA synthesis)



Molar Mass: 616.28

$C_{25}H_{39}NO_9Sn$

CAS-RN not yet assigned

Colourless solid packaged in dark glass crimp cap vials.

Purity: > 95 %

Certificates:
CoA; ^{1}H and ^{119}Sn NMR spectra, HPLC

Chemical Name:
D,L-Tyrosine, 5-[[(1,1-dimethylethoxy)carbonyl]oxy]-N-formyl-2-(trimethylstannyl)-, ethyl ester, 1,1-dimethylethyl carbonate

Synonymes:
N-Formyl-3,4-di-tert-butoxycarbonyloxy-6-(trimethylstannyl)-D,L-phenylalanine ethyl ester

Literature:

1. Namavari M. et al. Synthesis of 6-[^{18}F] and 4-[^{18}F]Fluoro-L-m-tyrosines via Regioselective Radiofluorodestannylation. Appl. Radiat. Isot. 1993, 44, 527-535.

2. 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.

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