

Catalogue Number	Product	Order number / Unit
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1302 6-Trimethylstannyl-D,L-DOPA

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

Molar Mass: 616.28

C₂₅H₃₉NO₉Sn

CAS-RN not yet assigned

Colourless solid packaged in dark glass crimp cap vials.

Purity: > 95 %

Certificates:

CoA; ¹H and ¹¹⁹Sn 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-[¹⁸F] and 4-[¹⁸F]Fluoro-L-m-tyrosines via Regioselective Radiofluorodestannylation. Appl. Radiat. Isot. 1993, 44, 527-535.
2. Namavari M. et al. Regioselective Radiofluorodestannylation with [¹⁸F]F₂ and [¹⁸F]CH₃COOF: a High Yield Synthesis of 6[¹⁸F]Fluoro-L-DOPA. Appl. Radiat. Isot. 1992, 43, 989-996.

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

