

| Catalogue Number | Product | Order number / Unit |
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**1303 6-Trimethylstannyl-D-DOPA**  
**Precursor for 6-[<sup>18</sup>F]Fluoro-D-DOPA**  
**(Analytical standard for validation of 6-[<sup>18</sup>F]Fluoro-L-DOPA synthesis)**

1303.0010: 10 mg per vial  
1303.0100: 100 mg per vial  
Please inquire for customized filling and bulk quantities.

**Molar Mass:** 616.28

C<sub>25</sub>H<sub>39</sub>NO<sub>9</sub>Sn

CAS-RN not yet assigned

Colourless solid packaged in dark glass crimp cap vials.

**Purity:** > 95 %

**Certificates:**

CoA; <sup>1</sup>H and <sup>119</sup>Sn NMR spectra, HPLC

**Chemical Name:**

D-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-phenylalanine ethyl ester

**Literature:**

1. Namavari M. et al. Synthesis of 6-[<sup>18</sup>F] and 4-[<sup>18</sup>F]Fluoro-L-m-tyrosines via Regioselective Radiofluorodestannylation. Appl. Radiat. Isot. 1993, 44, 527-535.
2. Namavari M. et al. Regioselective Radiofluorodestannylation with [<sup>18</sup>F]F<sub>2</sub> and [<sup>18</sup>F]CH<sub>3</sub>COOF: a High Yield Synthesis of 6[<sup>18</sup>F]Fluoro-L-DOPA. Appl. Radiat. Isot. 1992, 43, 989-996.

