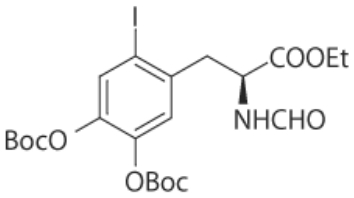
| Catalogue Number | Product | Order number / Unit |
|---|---|---|

## 1320 DiBoc-Iodo-L-DOPA

**1320.0050: 50 mg per vial**
**Please inquire for customized filling and bulk quantities.**

**Precursor for 6-[$^{123}$I]Iodo-L-DOPA**




**Molar Mass:** 579.38

$C_{22}H_{30}INO_9$

[143993-89-9]

Colourless 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-formyl-2-iodo-, ethyl ester, 1,1-dimethylethyl carbonate

**Synonymes:**
N-Formyl-3,4-di-tert-butoxycarbonyloxy-6-iodo-L-phenylalanine ethyl ester

**Literature:**

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.

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

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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