Catalogue Number	Product	Order number / Unit

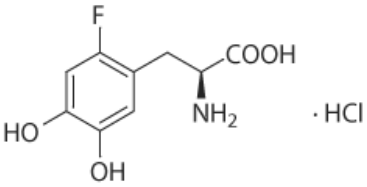
1310 6-Fluoro-L-DOPA hydrochloride

1310.0005: 5 mg per vial
1310.0010: 10 mg per vial
Please inquire for customized filling and bulk quantities.

Reference standard for 6-[^{18}F]Fluoro-L-DOPA

Molar Mass: 251.64

$C_9H_{10}FNO_4 \cdot HCl$



[144334-59-8]

Nearly colourless solid packaged in dark glass screw cap vials.

Purity: > 95 %

Certificates:
CoA; ^{1}H and ^{19}F NMR spectra; HPLC

Chemical Name:
CA index name: L-Tyrosine, 2-fluoro-5-hydroxy-, hydrochloride

Synonymes:
2-Fluoro-5-hydroxyl-L-tyrosine hydrochloride; 6-Fluoro-L-DOPA hydrochloride; 6-Fluoro-DOPA-hydrochloride; F-L-DOPA · HCl; FDOPA

Literature:

Namavari M. et al. Regioselective Radiofluorodestannylation with [^{18}F]CH_3COOF: a High Yield Synthesis of 6-[^{18}F]Fluoro-L-dopa. Appl. Radiot. Isot., Int. J. Radiat. Appl. Instrum. Part A 1992, 43, 989-996.

Iwata R. et al. Regioselective Synthesis of 6-[^{18}F]-Fluoro-L-dopa via Radiofluorodestannylation. CYRIC Annual Report, 1997, 99-102.

Dolle F. et al. 6-[^{18}F]Fluoro L DOPA by Radiofluorodestannylation: A Short and Simple Synthesis of a New Labelling Precursor. J. Labelled Compd. Radiopharm. 1998, 41, 105-114.

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