
Catalogue Number	Product	Order number / Unit
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3130 2-Fluoro-m-Tyrosine

Reference Standard for [¹⁸F]FMT
([¹⁸F]Fluoro-m-L-tyrosine)

Molar Mass: 199.18

C₉H₁₀FNO₃

[148613-12-1]

Colourless solid packaged in dark glass screw cap vials.

Purity: > 95 %

Certificates:

CoA; ¹H and ¹⁹F NMR spectra

Chemical Name:

CA index name: L-Phenylalanine, 2-fluoro-5-hydroxy-

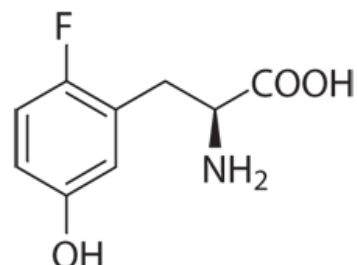
Synonymes:

2-Amino-3-(2-fluoro-5-hydroxy-phenyl)-propionic acid; 2-Fluoro-m-L-Tyrosine; 2-Fluoro-m-Tyrosine; 6-Fluoro-3-tyrosine; F-m-L-Tyrosine; FMT

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, 527-536.
2. DeJesus O.T. et al. Effect of 6-fluoro-m-tyrosine on dopamine release and metabolism in rat striatum using in vivo microdialysis. *Brain Research* 2000, 884, 192-195.
3. DeJesus O.T. et al. Affinities of dopamine analogs for monoamine granular and plasma membrane transporters: implications for PET dopamine studies. *Life Sciences* 1997, 60, 2399-2406.

3130.0010: 10 mg per vial
Please inquire for customized filling and bulk quantities.



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