

Catalogue Number	Product	Order number / Unit
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3061 FET hydrochloride
Reference standard for [¹⁸F]FET
(O-(2-[¹⁸F]Fluoroethyl)-L-tyrosine) hydrochloride

Molar Mass: 263.69

C₁₁H₁₄FNO₃ · HCl

[854750-33-7] (free base)

Colourless or nearly colourless solid packaged in dark glass screw cap vials.

Purity: > 95 %

Certificates:

CoA; ¹H and ¹⁹F NMR spectra

Chemical Name:

L-Tyrosine, O-(2-fluoroethyl)-; hydrochloride salt

Synonymes:

L-Tyrosine, O-(2-fluoroethyl)-, hydrochloride; (2S)-O-(2'-fluoroethyl)-tyrosine, hydrochloride; FET · HCl

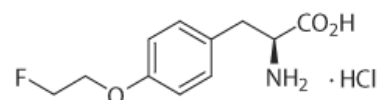
Literature:

Hamacher K. et al. Efficient routine Production of the ¹⁸F-labelled amino acid O-(2-[¹⁸F]fluoroethyl)-L-tyrosine. Appl. Radiat. Isotop. 2002, 57, 853-856.

Hamacher K. et al. Convenient synthesis of n.c.a. O-(2-[¹⁸F]fluoroethyl)-L-tyrosine. J. Labelled Compd. Radiopharm. 2001, 44, 855.

Wester H.-J. et al. Synthesis and radiopharmacology of O-(2-[¹⁸F]fluoroethyl)-L-tyrosine for tumor imaging. J. Nucl. Med. 1999, 40, 205-212.

3061.0010: 10 mg per vial
3061.0020: 20 mg per vial
Please inquire for customized filling and bulk quantities.



date of product catalogue issue: 10 May 2017