

Catalogue Number	Product	Order number / Unit
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1730 Fluoroethylflumazenil

Reference standard for [¹⁸F]FFMZ
(2'-[¹⁸F]Fluoroethylflumazenil)

Molar Mass: 321.28

C₁₅H₁₃F₂N₃O₃

[676437-19-7] ([¹⁸F]FFMZ)

Colourless solid packaged in dark glass screw cap vials.

Purity: > 95 %

Certificates:

CoA; ¹H and ¹⁹F NMR spectra

Chemical Name:

4H-Imidazo[1,5-a][1,4]benzodiazepine-3-carboxylic acid, 8-fluoro-5,6-dihydro-5-methyl-6-oxo-, (2-fluoroethyl) ester

Synonymes:

3'-(2-Fluoroethyl)flumazenil; 2'-Fluorflumazenil; FFMZ

Literature:

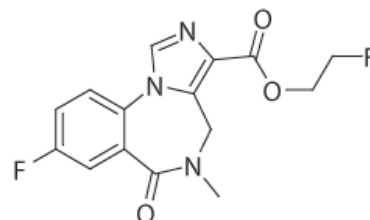
Wadsak W. et al. Radiosynthesis of 3-[2-[¹⁸F]fluoro-]flumazenil ([¹⁸F]-FFMZ). J. Labelled Compd. Radiopharm. 2003, 46, 1229-1240.

Yoon Y.H. et al. Novel one-pot one-step synthesis of 2'-[¹⁸F]fluoroflumazenil (FFMZ) for benzodiazepine receptor imaging. Nucl. Med. Biol. 2003, 30, 521-527.

Mitterhauser M. et al. Biological evaluation of 2'-[¹⁸F]fluoroflumazenil ([¹⁸F]FFMZ), a potential GABA receptor ligand for PET. Nucl. Med. Biol. 2004, 31, 291-295

Young S.C. et al. Biological properties of 2'-[¹⁸F]fluoroflumazenil for central benzodiazepine receptor imaging. Nucl. Med. Biol. 2005, 32, 263-268.

1730.0010: 10 mg per vial
Please inquire for customized filling and bulk quantities.



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