

Catalogue Number	Product	Order number / Unit
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2421 Fluoroethyl-Carfentanil hydrochloride
Reference standard for [¹⁸F]Fluoroethylcarfentanil

2421.0010 10 mg per vial
Please inquire for customized filling and bulk quantities.

Molar Mass: 462.98

C₂₅H₃₁FN₂O₃ · HCl

[1007840-96-1]

Colourless solid packaged in dark glass screw cap vials.

Purity: > 95 %

Certificates:

CoA; ¹H and ¹⁹F NMR spectra

Chemical Name:

CA index name: 4-Piperidinecarboxylic acid, 4-[(1-oxopropyl)phenylamino]-1-(2-phenylethyl)-, 2-fluoroethyl ester, hydrochloride (1:1)

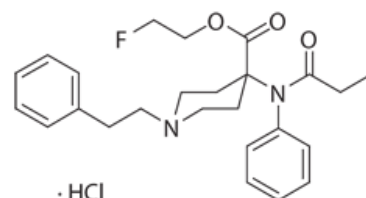
Synonymes:

2-Fluoroethylcarfentanil, hydrochloride salt

Literature:

1. Henriksen G. et al. Synthesis of [¹⁸F]fluoroalkyl esters of carfentanil. J. Labelled Compd. Radiopharm. 2005, 48, 771-779.

2. Wadsak W. et al. Preparation and radiosynthesis of [¹⁸F]FE@CFN (2-[¹⁸F]fluoroethyl)-4-[N-(1-oxopropyl)-N-phenylamino]-1-(2-phenylethyl)-4-piperidinecarboxylate): a potential mu-opioid receptor imaging agent. Radiochim. Acta 2007, 95, 33-38.



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