

Catalogue Number	Product	Order number / Unit
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3370 NifeneReference standard for [¹⁸F]Nifene**Molar Mass:** 230.67C₁₀H₁₁FN₂O · HCl

CAS-RN not yet assigned

Nifene free base: [912843-69-7]

Slightly purple solid packaged in dark glass screw cap vials.

Purity: > 95 %**Certificates:**CoA; ¹H and ¹⁹F NMR spectra**Chemical Name:**

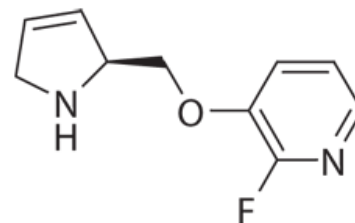
Pyridine, 3-[[[(2S)-2,5-dihydro-1H-pyrrol-2-yl]methoxy]-2-fluoro-, hydrochloride salt

Synonyms:

3-(2,5-Dihydro-1H-pyrrol-2-ylmethoxy)-2-fluoro-pyridine hydrochloride

Literature:

1. Mukherjee J. et al. Effect of acetylcholinesterase inhibitors on the binding of nicotinic α4β2 receptor PET radiotracer, (18F)-nifene: A measure of acetylcholine competition. Synapse 2007, 61, 29-36.
2. Mukherjee J. et al. Nicotinic alpha4beta2 receptor imaging agents. Part II. Synthesis and biological evaluation of 2-[¹⁸F]fluoro-3-[2-((S)-3-pyrrolinyl)methoxy]pyridine (¹⁸F-nifene) in rodents and imaging by PET in nonhuman primate. Nucl. Med. Biol. 2006, 33, 295-304.

3370.0010: 10 mg per vial
Please inquire for customized filling and bulk quantities.

date of product catalogue issue: 05 April 2012