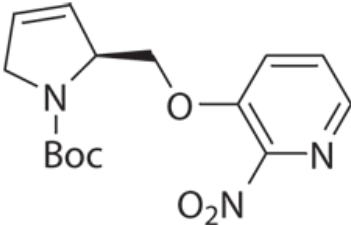


Catalogue Number	Product	Order number / Unit
3360	Nitro-Nifene Precursor for [¹⁸F]Nifene Molar Mass: 321.33 $C_{15}H_{19}N_3O_5$ [912843-70-0] Yellowish oil packaged in dark glass crimp cap vials. Purity: > 95 % Certificates: CoA; ¹ H NMR spectrum Chemical Name: CA index name: 1H-Pyrrole-1-carboxylic acid, 2,5-dihydro-2-[[2-(2-nitro-3-pyridinyl)oxy]methyl]-, 1,1-dimethylethyl ester, (2S)- Synonyms: 2-(2-Nitro-pyridin-3-yl)oxymethyl-2,5-dihydro-pyrrole-1-carboxylic acid tert-butyl ester Literature: 1. Mukherjee J. et al. Effect of acetylcholinesterase inhibitors on the binding of nicotinic alpha4beta2 receptor PET radiotracer, (18)F-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-[¹⁸ F]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.	3360.0002: 2 mg per vial Please inquire for customized filling and bulk quantities. 

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