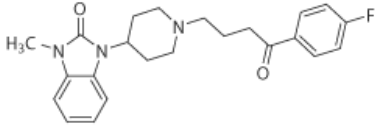


Catalogue Number	Product	Order number / Unit
2760	FNMB Reference standard for [¹⁸F]NMB ([¹⁸F]-(3-N-Methyl)Benperidol) Molar Mass: 395.47 $C_{23}H_{26}FN_3O_2$ [133066-70-3] Colourless to brown powder packaged in dark glass screw cap vials. Purity: > 95 % Certificates: CoA; ¹ H and ¹⁹ F NMR spectra Chemical Name: CA index name: 2H-benzimidazol-2-one, 1-[1-[4-(4-Fluorophenyl)-4-oxobutyl]-4-piperidinyl]-1,3-dihydro-3-methyl- Synonymes: 1-[3-(4'-fluorobenzoyl)propyl]-4-(2-keto-3-methyl-1- benzimidazoliny)l)piperidine); N-Methylbenperidol Literature: Shiue C.-Y. et al. Syntheses and Specific Activity Determinations of No-Carrier-Added Fluorine-18-Labeled Neuroleptic Drugs J. Nucl. Med. 1985, 26, 181-186. Suehiro M. et al. In Vivo Labeling of the Dopamine D2 Receptor with N- ¹¹ C-Methyl-Benperidol J. Nucl. Med. 1990, 31, 2015-2021. Moerlein S.M. et al. Production of fluorine-18-labeled (3-N-methyl)benperidol for PET investigation of cerebral dopaminergic receptor binding. Int. J. Rad. Appl. Instrum. A 1992, 43, 913-917. Moerlein S.M. et al. Radiation Dosimetry of [¹⁸ F](N-Methyl)Benperidol as Determined by Whole-Body PET Imaging of Primates Nucl. Med. Biol. 1997, 24, 311-318. Nikolaus S. et al. In Vivo Measurement of D2 Receptor Density and Affinity for ¹⁸ F-(3-N-Methyl)Benperidol in the Rat Striatum with a PET System for Small Laboratory Animals J. Nucl. Med. 2003, 44, 618-624.	2760.0010: 10 mg per vial Please inquire for customized filling and bulk quantities. 

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