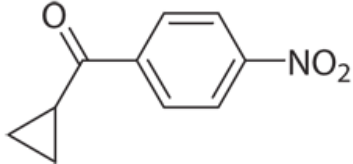


Catalogue Number	Product	Order number / Unit
2750	Cyclopropyl-p-nitrophenyl ketone Precursor for [¹⁸F]-labelled building block for different alkylbenzenes (fluorine-18-labelled haloperidol, spiperone, N-(p-nitrobenzyl)spiperone, N-methyl-spiroperidol, BMY14802, 3-N-methyl-benperidol, benperidol) Molar Mass: 191.18 C ₁₀ H ₉ NO ₃ [93639-12-4] Pale yellow needles packaged in dark glass crimp cap vials. Purity: > 99 % Certificates: CoA; ¹ H NMR spectrum, HPLC Chemical Name: CA index name: Methanone, cyclopropyl-(4-nitrophenyl)- Synonymes: Cyclopropyl-p-nitrophenyl ketone Literature: 1. Hashizume K. et al. Rapid and efficient synthesis of high-purity fluorine-18 labeled haloperidol and spiperone via the nitro precursor in combination with a new HPLC separation method. Bull. Chem. Soc. Jpn. 1997, 70, 681-687. 2. Mach R. H. et al. Synthesis and in vivo evaluation of [¹⁸ F]-N-(p-nitrobenzyl)spiperone ([¹⁸ F]PNBS) in rats. Nucl. Med. Biol. 1993, 20, 269-278. 3. 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. 4. Shiue C. Y. et al. Synthesis of (±)-[¹⁸ F]BMY14802, its enantiomers and their anatomical distribution in mice. Nucl. Med. Biol. 1993, 20, 625-630.	2750.0002: 2 mg per vial Please inquire for customized filling and bulk quantities. 

date of product catalogue issue: 05 April 2012