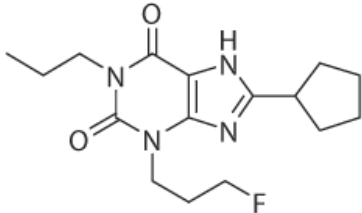


Catalogue Number	Product	Order number / Unit
3751	CPFPX Reference standard for [¹⁸F]CPFPX 8-Cyclopentyl-3-(3-[¹⁸F]fluoropropyl)-1-propylxanthine Molar Mass: 322.38 C ₁₆ H ₂₃ FN ₄ O ₂ [200557-18-2] Colourless to off-white solid packaged in dark glass vials. Purity: > 95 % Certificates: CoA; ¹ H and ¹⁹ F NMR spectra Chemical Name: CA index name: 1H-Purine-2,6-dione, 8-cyclopentyl-3-(3-fluoropropyl)-3,9-dihydro-1-propyl- Synonymes: 8-Cyclopentyl-3-(3-fluoro-propyl)-1-propyl-3,7-dihydro-purine-2,6-dione; 8-Cyclopentyl-3-(3-[¹⁸ F]fluoropropyl)-1-propylxanthine Literature: Holschbach M. H. et al. Synthesis and Evaluation of No-Carrier-Added 8-Cyclopentyl-3-(3-[¹⁸ F]fluoropropyl)-1-propylxanthine ([¹⁸ F]CPFPX): A Potent and Selective A1-Adenosine Receptor Antagonist for in Vivo Imaging. J. Med. Chem. 2002, 45, 5150-5156. Bauer A. et al. Evaluation of ¹⁸ F-CPFPX, a Novel Adenosine A1 Receptor Ligand: In Vitro Autoradiography and High-Resolution Small Animal PET. J. Nucl. Med. 2003, 44, 1682-1689. Matusch A. et al. Metabolism of the A1 adenosine receptor PET ligand [¹⁸ F]CPFPX by CYP1A2: implications for bolus/infusion PET studies. Nucl. Med. Biol. 2006, 33, 891-898. Elmenhorst D. et al. Caffeine Occupancy of Human Cerebral A1 Adenosine Receptors: In Vivo Quantification with ¹⁸ F-CPFPX and PET. J. Nucl. Med. 2012, 53, 1723-1729.	3751.0010: 10 mg per vial Please inquire for customized filling and bulk quantities. 

date of product catalogue issue: 10 May 2017