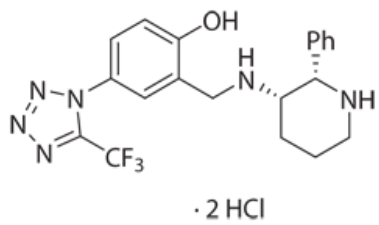


Catalogue Number	Product	Order number / Unit
3520	Desmethyl-GR 205171 Dihydrochloride Precursor for [¹¹C]GR 205171 Molar Mass: 491.34 $C_{20}H_{21}F_3N_6O \cdot 2 HCl$ [262598-97-0] Yellowish solid packaged in dark glass crimp cap vials. Purity: > 95 % Certificates: CoA; ¹ H, ¹³ C and ¹⁹ F NMR spectra Chemical Name: CA index name: Phenol, 2-[[[(2S,3S)-2-phenyl-3-piperidiny]amino]methyl]-4-[5-(trifluoromethyl)-1H-tetrazol-1-yl]-, dihydrochloride Synonymes: Phenol, 2-[[[(2-phenyl-3-piperidiny)amino]methyl]-4-[5-(trifluoromethyl)-1H-tetrazol-1-yl]-, dihydrochloride, (2S-cis)-; Literature: 1. Bergström M. et al. Brain uptake and receptor binding of two [¹¹ C]labelled selective high affinity NK1-antagonists, GR203040 and GR205171-PET studies in rhesus monkey. <i>Neuropharmacology</i> 2000, 39, 664-670. 2. Zamuner S. et al. Estimate the time varying brain receptor occupancy in PET imaging experiments using non-linear fixed and mixed effect modeling approach <i>Nucl. Med. Biol.</i> 2002, 29, 115-123. 3. Bergström M. et al. A new application of pre-normalized principal component analysis for improvement of image quality and clinical diagnosis in human brain PET studies--clinical brain studies using [¹¹ C]-GR205171, [¹¹ C]-L-deuterium-deprenyl, [¹¹ C]-5-Hydroxy-L-Tryptophan, [¹¹ C]-L-DOPA and Pittsburgh Compound-B. <i>Neuroimage</i> 2006, 33, 588-98.	3520.0010: 10 mg per vial Please inquire for customized filling and bulk quantities. 

date of product catalogue issue: 05 April 2012