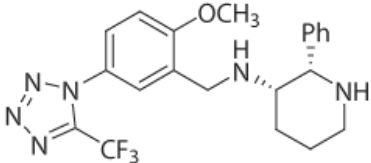


Catalogue Number	Product	Order number / Unit
3510	GR 205171 Reference standard for [¹¹C]GR 205171 Molar Mass: 432.44 C₂₁H₂₃F₃N₆O [168266-90-8] Yellowish solid packaged in dark glass screw cap vials. Purity: > 95 % Certificates: CoA; ¹ H, ¹³ C and ¹⁹ F NMR spectra Chemical Name: CA index name: 3-Piperidinamine, N-[[2-methoxy-5-[5-(trifluoromethyl)-1H-tetrazol-1-yl]phenyl]methyl]-2-phenyl, (2S,3S) Synonymes: 3-Piperidinamine, N-[[2-methoxy-5-[5-(trifluoromethyl)-1H-tetrazol-1-yl]phenyl]methyl]-2-phenyl, (2S-cis-); Vofopitant Literature: 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. 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. 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, 588-598.	3510.0010: 10 mg per vial Please inquire for customized filling and bulk quantities. 

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