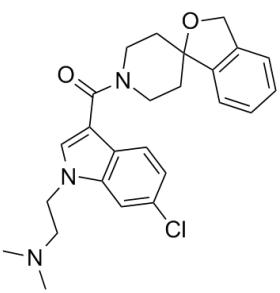


Product Name	: RG7713	
Synonyms	: RO-5028442;RG-7713	
Cat No.	: M16602	
CAS Number	: 920022-47-5	
Molecular Formula	: C ₂₅ H ₂₈ ClN ₃ O ₂	
Formula Weight	: 437.97	
Chemical Name	: (6-Chloro-1-(2-(dimethylamino)ethyl)indol-3-yl)-spiro(1H-isobenzofuran-3,4'-piperidine)-1'-yl-methanone	
Description	: RG7713 (RO5028442, RG-7713) is a potent, highly selective, brain-penetrant vasopressin 1a (hV1a receptor) antagonist with Ki of 1 nM, shows no activity on hV2 receptor (Ki>30 uM); displays moderate mouse affinity and excellent selectivity versus hV2 and hOT receptors. Other Indication Phase 1 Clinical	
Pathway	: GPCR/G Protein	
Target	: Vasopressin Receptor	
Receptor	: hV1areceptor;mV1areceptor	
Solubility	: DMSO: 10 mM (< 1 mg/ml refers to the product slightly soluble or insoluble)	
SMILES	: O=C(C1=CN(CCN(C)C)C2=C1C=CC(Cl)=C2)N3CCC4(CC3)OCC5=C4C=CC=C5	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Ratni H, et al. J Med Chem. 2015 Mar 12;58(5):2275-89. 2. Umbricht D, et al. Neuropsychopharmacology. 2017 Aug;42(9):1914-1923.