

ATC0065

Chemical Properties

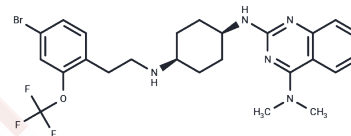
CAS No. : 509145-82-8

Formula: C₂₅H₂₉BrF₃N₅O

Molecular Weight: 552.43

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	ATC0065 is a melanin-concentrating hormone receptor 1 antagonist with oral activity.
Targets(IC50)	5-HT Receptor, Melanin-concentrating Hormone Receptor (MCHR), GPCR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8102 mL	9.0509 mL	18.1018 mL
5 mM	0.362 mL	1.8102 mL	3.6204 mL
10 mM	0.181 mL	0.9051 mL	1.8102 mL
50 mM	0.0362 mL	0.181 mL	0.362 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Kanuma K, Omodera K, Nishiguchi M, Funakoshi T, Chaki S, Nagase Y, Iida I, Yamaguchi J, Semple G, Tran TA, Sekiguchi Y. Identification of 4-amino-2-cyclohexylaminoquinazolines as metabolically stable melanin-concentrating hormone receptor 1 antagonists. *Bioorg Med Chem*. 2006 May 15;14(10):3307-19. PubMed PMID: 16434202.

Chaki S, Funakoshi T, Hirota-Okuno S, Nishiguchi M, Shimazaki T, Iijima M, Grottick AJ, Kanuma K, Omodera K, Sekiguchi Y, Okuyama S, Tran TA, Semple G, Thomsen W. Anxiolytic- and antidepressant-like profile of ATC0065 and ATC0175: nonpeptidic and orally active melanin-concentrating hormone receptor 1 antagonists. *J Pharmacol Exp Ther*. 2005 May;313(2):831-9. PubMed PMID: 15677346.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481