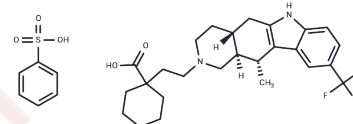


AMG-076

Chemical Properties

CAS No. : 1001438-96-5
 Formula: C32H39F3N2O5S
 Molecular Weight: 620.72
 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	AMG-076 is an antagonist of melanin-concentrating hormone receptor 1. It also reduced hERG inhibition.
Targets(IC50)	Melanin-concentrating Hormone Receptor (MCHR), GPCR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.611 mL	8.0552 mL	16.1103 mL
5 mM	0.3222 mL	1.611 mL	3.2221 mL
10 mM	0.1611 mL	0.8055 mL	1.611 mL
50 mM	0.0322 mL	0.1611 mL	0.3222 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

- Motani AS, Luo J, Liang L, Mihalic JT, Chen X, Tang L, Li L, Jaen J, Chen JL, Dai K. Evaluation of AMG 076, a potent and selective MCHR1 antagonist, in rodent and primate obesity models. *Pharmacol Res Perspect*. 2013 Oct;1(1):e00003. doi: 10.1002/prp2.3. Epub 2013 Sep 17. PubMed PMID: 25505557; PubMed Central PMCID: PMC4184568.
- Mihalic JT, Fan P, Chen X, Chen X, Fu Y, Motani A, Liang L, Lindstrom M, Tang L, Chen JL, Jaen J, Dai K, Li L. Discovery of a novel melanin concentrating hormone receptor 1 (MCHR1) antagonist with reduced hERG inhibition. *Bioorg Med Chem Lett*. 2012 Jun 1;22(11):3781-5. doi: 10.1016/j.bmcl.2012.04.006. Epub 2012 Apr 7. PubMed PMID: 22542010.
- Andersen D, Storz T, Liu P, Wang X, Li L, Fan P, Chen X, Allgeier A, Burgos A, Tedrow J, Baum J, Chen Y, Crockett R, Huang L, Syed R, Larsen RD, Martinelli M. Stereoselective synthesis of a MCHR1 antagonist. *J Org Chem*. 2007 Dec 7;72(25):9648-55. Epub 2007 Nov 13. PubMed PMID: 17997573.

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