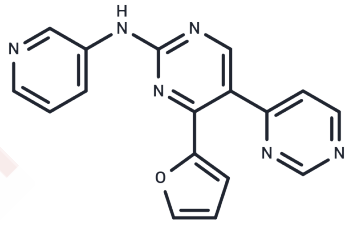
Data Sheet (Cat.No.T27800)

TargetMol

LAS38096

Chemical Properties



CAS No. : 851371-22-7

Formula: C17H12N6O

Molecular Weight: 316.32

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	LAS38096 is an A2B adenosine receptor antagonist (Ki : 17 nM) that is potent, selective and efficient .
Targets(IC50)	Adenosine Receptor

Solubility Information

Solubility	DMSO: 55 mg/mL (173.87 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1614 mL	15.8068 mL	31.6136 mL
5 mM	0.6323 mL	3.1614 mL	6.3227 mL
10 mM	0.3161 mL	1.5807 mL	3.1614 mL
50 mM	0.0632 mL	0.3161 mL	0.6323 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

Vidal B, et al. Discovery and characterization of 4'-(2-furyl)-N-pyridin-3-yl-4,5'-bipyrimidin-2'-amine (LAS38096), a potent, selective, and efficacious A2B adenosine receptor antagonist. J Med Chem. 2007;50(11):2732-2736.
Ortore G, Martinelli A. A2B receptor ligands: past, present and future trends. Curr Top Med Chem. 2010;10(9):923-40. Review.

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