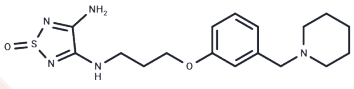
Data Sheet (Cat.No.T32449)

TargetMol

L 643441

Chemical Properties



CAS No. : 78442-39-4

Formula: C17H25N5O2S

Molecular Weight: 363.48

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	L 643441 is a bioactive chemical.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7512 mL	13.7559 mL	27.5118 mL
5 mM	0.5502 mL	2.7512 mL	5.5024 mL
10 mM	0.2751 mL	1.3756 mL	2.7512 mL
50 mM	0.055 mL	0.2751 mL	0.5502 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

Wang RW, Miwa GT, Argenbright LS, Lu AY. In vitro studies on the interaction of famotidine with liver microsomal cytochrome P-450. Biochem Pharmacol. 1988 Aug 1;37(15):3049-53. PubMed PMID: 2899433.

Reeves JJ, Stables R. The antisecretory profile of action of the H2-receptor antagonists, famotidine, loxtidine, ranitidine and L-643,441 on the rat isolated gastric mucosa. Agents Actions. 1987 Feb;20(1-2):22-8. PubMed PMID: 2883848.

Lin JH, Cocchetto DM, Yeh KC, Duggan DE. Comparative effects of H2-receptor antagonists on drug interaction in rats. Drug Metab Dispos. 1986 Nov-Dec;14(6):649-53. PubMed PMID: 2877821.

MacLeod KM, Wenkstern D, McNeill JH. Irreversible antagonism of histamine H2 receptors in guinea-pig myocardium. Eur J Pharmacol. 1986 May 27;124(3):331-6. PubMed PMID: 2874036.

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