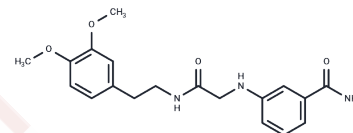


Antiulcer Agent 1

Chemical Properties

CAS No. :	76001-09-7
Formula:	C ₁₉ H ₂₃ N ₃ O ₄
Molecular Weight:	357.4
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	Antiulcer Agent 1 is an orally administered derivative of 2-(3,4-dimethoxyphenyl) ethylamine.
Targets(IC50)	Others
In vivo	The serum levels of the compounds in rats are almost related to the dissolution rates in the JP 1st disintegration medium from the discs. The serum level of alpha-anhydrate is the lowest[1].

Solubility Information

Solubility	DMSO: 55 mg/mL (153.89 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.798 mL	13.9899 mL	27.9799 mL
5 mM	0.5596 mL	2.798 mL	5.596 mL
10 mM	0.2798 mL	1.399 mL	2.798 mL
50 mM	0.056 mL	0.2798 mL	0.5596 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

Morita M, et al. Preliminary preformulation studies of a 2-(3,4-dimethoxyphenyl)ethylamine derivative for oral administration at an exploratory stage of new drug development. Chem Pharm Bull (Tokyo). 1995 Mar;43(3):476-82.

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