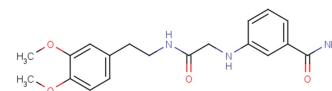


Antiulcer Agent 1

Chemical Properties

CAS No.:	76001-09-7
Formula:	C ₁₉ H ₂₃ N ₃ O ₄
Molecular Weight:	357.4
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Antiulcer Agent 1 is a 2-(3,4-dimethoxyphenyl)ethylamine derivative for oral administration.
Targets(IC ₅₀)	Others: None
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.

Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.798 mL	13.99 mL	27.98 mL
5 mM	0.56 mL	2.798 mL	5.596 mL
10 mM	0.28 mL	1.399 mL	2.798 mL
50 mM	0.056 mL	0.28 mL	0.56 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. 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.

Inhibitors · Natural Compounds · Compound Libraries

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