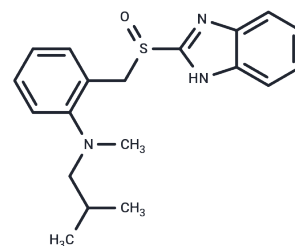


Leminoprazole

Chemical Properties

CAS No. :	104340-86-5
Formula:	C ₁₉ H ₂₃ N ₃ OS
Molecular Weight:	341.47
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Leminoprazole is an orally available H ⁺ ,K ⁺ -ATPase inhibitor that protects gastric mucosal cells from various cellular damages.
Targets(IC50)	ATPase

Solubility Information

Solubility	DMSO: 50 mg/mL (146.43 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9285 mL	14.6426 mL	29.2851 mL
5 mM	0.5857 mL	2.9285 mL	5.857 mL
10 mM	0.2929 mL	1.4643 mL	2.9285 mL
50 mM	0.0586 mL	0.2929 mL	0.5857 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.

Reference

Matsukura H, et al. Effect of a new antiulcer drug, leminoprazole, on the gastric mucosal H⁺,K⁺-ATPase activity in rats. Nihon Yakurigaku Zasshi. 1994 Aug;104(2):91-100.

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