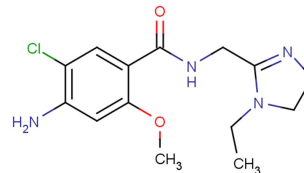


Lintopride

Chemical Properties

CAS No.:	107429-63-0
Formula:	C ₁₄ H ₁₉ ClN ₄ O ₂
Molecular Weight:	310.78
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Lintopride is an antagonist of 5HT ₄ . It has moderate 5HT ₃ antagonist properties.
Targets(IC ₅₀)	5HT ₄ : None
In vitro	Peristaltic waves are also enhanced by Lintopride. Lintopride obviously enhances the lower oesophageal sphincter basal tone without affecting lower oesophageal sphincter physiological relaxation after swallowing.

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	3.218 mL	16.089 mL	32.177 mL
5 mM	0.644 mL	3.218 mL	6.435 mL
10 mM	0.322 mL	1.609 mL	3.218 mL
50 mM	0.064 mL	0.322 mL	0.644 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

- Delvaux M, et al. The effects of lintopride, a 5HT-4 antagonist, on oesophageal motility. Aliment Pharmacol Ther. 1995 Oct;9(5):563-9.

Inhibitors · Natural Compounds · Compound Libraries

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