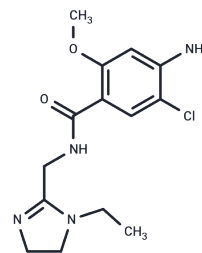


## Lintopride

## Chemical Properties

CAS No. :	107429-63-0
Formula:	C <sub>14</sub> H <sub>19</sub> ClN <sub>4</sub> O <sub>2</sub>
Molecular Weight:	310.78
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	Lintopride is an antagonist of 5HT <sub>4</sub> . It has moderate 5HT <sub>3</sub> antagonist properties.
Targets(IC <sub>50</sub> )	5-HT Receptor
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 [1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2177 mL	16.0886 mL	32.1771 mL
5 mM	0.6435 mL	3.2177 mL	6.4354 mL
10 mM	0.3218 mL	1.6089 mL	3.2177 mL
50 mM	0.0644 mL	0.3218 mL	0.6435 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

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

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