
Product Data Sheet

Product Name: Lintopride

Cat. No.: GC30352

Chemical Properties

Cas. No. 107429-63-0

SMILES O=C(NCC1=NCCN1CC)C2=CC(Cl)=C(N)C=C2OCFormula $C_{14}H_{19}ClN_4O_2$ M.Wt 310.78

Solubility Soluble in DMSO Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Lintopride is a 5HT4 antagonist with moderate 5HT3 antagonist properties.

Lintopride significantly increases the lower oesophageal sphincter basal tone without affecting lower oesophageal sphincter physiological relaxation after swallowing. Peristaltic waves are also enhanced by Lintopride[1].

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

Caution: Product has not been fully validated for medical applications. For research use only.

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