

Cinitapride Monotartrate

Chemical Properties

CAS No. : 1207859-16-2

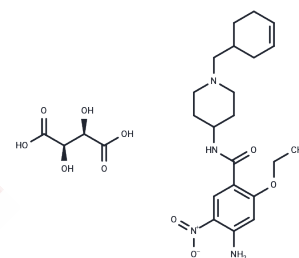
Formula: C₂₅H₃₆N₄O₁₀

Molecular Weight: 552.57

Store at low temperature

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	Cinitapride Monotartrate is a nonselective agonist of 5-HT ₁ and 5-HT ₄ receptors and an antagonist of 5-HT ₂ and dopamine D ₂ receptors, Cinitapride Monotartrate is widely applied in gastrointestinal research to investigate mechanisms underlying functional dyspepsia and gastroesophageal reflux disease, including modulation of gastrointestinal motility and visceral sensitivity.
Targets(IC50)	5-HT Receptor,Dopamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8097 mL	9.0486 mL	18.0973 mL
5 mM	0.3619 mL	1.8097 mL	3.6195 mL
10 mM	0.181 mL	0.9049 mL	1.8097 mL
50 mM	0.0362 mL	0.181 mL	0.3619 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

Quigley E M M. Prokinetics in the management of functional gastrointestinal disorders[J]. Journal of neurogastroenterology and motility, 2015, 21(3): 330.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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