

Product Data Sheet

Product Name: Cinitapride

Cat. No.: GC71717

Chemical Properties

Cas. No. 66564-14-5

Formula $C_{21}H_{30}N_4O_4$ M.Wt 402.49

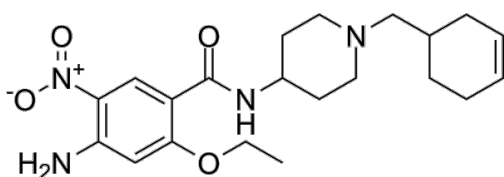
Solubility DMSO : 20.83 mg/mL (51.75 mM);
ultrasonic and warming and heat to
60°C; Hygroscopic DMSO has a
significant impact on the solubility of
product, please use newly opened
DMSO)

Storage -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



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

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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Background

Cinitapride is a nonselective 5-HT₁ and 5-HT₄ receptors agonist and a 5-HT₂ and D₂ antagonist. Cinitapride can be used in functional dyspepsia (FD) and gastroesophageal reflux disease (GERD) research.

Cinitapride (intraperitoneal injection; 0.25-1 mg/kg; once) shows gastroprotective effects in gastric ulceration rat model^[2].

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