
Product Data Sheet

Product Name: Bevenopran (CB-5945)

Cat. No.: GC30639

Chemical Properties

Cas. No. 676500-67-7

SMILES O=C(C1=NC=C(OC2=CC=C(CNCCC3CCOCC3)C=C2OC)N=C1)N

Formula C20H26N4O4 M.Wt 386.44

Solubility DMSO : 125 mg/mL (323.47 mM; Need ultrasonic) 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

Bevenopran is a peripheral μ -opioid receptor antagonist.

Bevenopran is a peripheral μ -opioid receptor antagonist. Bevenopran is currently under investigation for the treatment of opioid-induced bowel dysfunction (OBD)[1].

Bevenopran tends to increase bowel movement (BM) frequency, especially for 0.1 mg twice daily and 4 mg daily, respectively[1].

[1]. Diego L, et al. Novel opioid antagonists for opioid-induced bowel dysfunction. Expert Opin Investig Drugs. 2011 Aug;20(8):1047-56. [2]. Siemens W, et al. Advances in pharmacotherapy for opioid-induced constipation - a systematic review. Expert Opin Pharmacother. 2015 Mar;16(4):515-32.

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

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