
Product Data Sheet

Product Name: GR 203040

Cat. No.: GC50069

Chemical Properties

Cas. No. 168398-02-5

SMILES COC1=CC=C(N4N=NN=C4)C=C1CN[C@@H]2[C@H]([C@]3=CC=CC=C3)NCCC2.Cl.ClFormula C₂₀H₂₄N₆O.2HCl M.Wt 437.37

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**

Potent and selective NK1 receptor antagonist. Potently inhibits substance P binding to NK1 receptors (pKi = 10.1 to 10.5). Displays antiemetic activity in vivo.

Beattie et al (1995) The pharmacology of GR203040, a novel, potent and selective non-peptide tachykinin NK1 receptor antagonist. Br.J.Pharmacol. 116 3149 PMID:8719789
|Gardner et al (1995) The broad-spectrum anti-emetic activity of the novel non-peptide tachykinin NK1 receptor antagonist GR203040. Br.J.Pharmacol. 116 3158 PMID:8719790
|Ward et al (1995) Discovery of an orally bioavailable NK1 receptor antagonist, (2S,3S)-(2-methoxy-5-tetrazol-1-ylbenzyl)(2-phenylpiperidin-3-yl)amine (GR203040), with potent antiemetic activity. J.Med.Chem. 38 4985 PMID:8544174

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

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