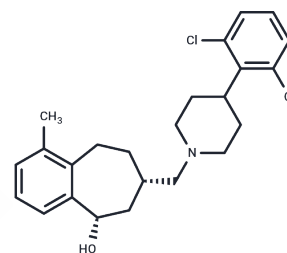


SB-612111

Chemical Properties

CAS No. : 371980-98-2
 Formula: C₂₄H₂₉Cl₂NO
 Molecular Weight: 418.40
 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	SB-612111 is a novel and potent human opiate receptor-like orphan receptor (ORL-1) antagonist with a high affinity for hORL-1 (K _i = 0.33 nM). It exhibits selectivity for μ-, κ-, and δ-receptors with K _i values of 57.6 nM, 160.5 nM, and 2109 nM, respectively. SB-612111 effectively antagonizes the pronociceptive action of Nociceptin in an acute pain model[1].
Targets(IC50)	Others,Opioid Receptor

Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3901 mL	11.9503 mL	23.9006 mL
5 mM	0.478 mL	2.3901 mL	4.7801 mL
10 mM	0.239 mL	1.195 mL	2.3901 mL
50 mM	0.0478 mL	0.239 mL	0.478 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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