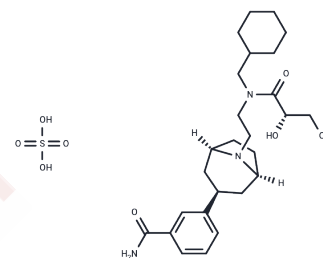


Axelopran sulfate

Chemical Properties

CAS No. :	949904-50-1
Formula:	C ₂₆ H ₄₁ N ₃ O ₈ S
Molecular Weight:	555.68
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	Axelopran sulfate is used in Oral Therapies for Opioid-induced Bowel Dysfunction in Patients with Chronic Noncancer Pain.
Targets(IC50)	Others,Opioid Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7996 mL	8.998 mL	17.996 mL
5 mM	0.3599 mL	1.7996 mL	3.5992 mL
10 mM	0.180 mL	0.8998 mL	1.7996 mL
50 mM	0.036 mL	0.180 mL	0.3599 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

- Nee J, Zakari M, Sugarman MA, Whelan J, Hirsch W, Sultan S, Ballou S, Iturrino J, Lembo A. Efficacy of Treatments for Opioid-Induced Constipation: Systematic Review and Meta-Analysis. Clin Gastroenterol Hepatol. 2018 Jan 31. pii: S1542-3565(18)30087-9. doi: 10.1016/j.cgh.2018.01.021. [Epub ahead of print] Review. PubMed PMID: 29374616.
- Jiang L, Beattie DT, Jacobsen JR, Kintz S, Obedencio GP, Saito D, Stergiades I, Vickery RG, Long DD. Discovery of N-substituted-endo-3-(8-aza-bicyclo[3.2.1]oct-3-yl)-phenol and -phenyl carboxamide series of μ -opioid receptor antagonists. Bioorg Med Chem Lett. 2017 Jul 1;27(13):2926-2930. doi: 10.1016/j.bmcl.2017.04.092. Epub 2017 May 3. PubMed PMID: 28499731.
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