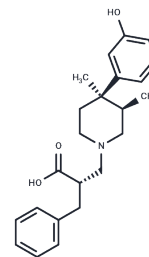


ADL-08-0011

Chemical Properties

CAS No. : 156130-41-5
 Formula: C₂₃H₂₉NO₃
 Molecular Weight: 367.49
 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	ADL-08-0011 is an metabolite of alvimopan.
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	2.7212 mL	13.6058 mL	27.2116 mL
5 mM	0.5442 mL	2.7212 mL	5.4423 mL
10 mM	0.2721 mL	1.3606 mL	2.7212 mL
50 mM	0.0544 mL	0.2721 mL	0.5442 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

Armstrong SR, Campbell CB, Richardson CL, Vickery RG, Tsuruda PR, Long DD, Hegde SS, Beattie DT. The in vivo pharmacodynamics of the novel opioid receptor antagonist, TD-1211, in models of opioid-induced gastrointestinal and CNS activity. *Naunyn Schmiedeberg's Arch Pharmacol.* 2013 Jun;386(6):471-8. doi: 10.1007/s00210-013-0844-5. Epub 2013 Mar 13. PubMed PMID: 23512167.

Beattie DT, Cheruvu M, Mai N, O'Keefe M, Johnson-Rabidoux S, Peterson C, Kaufman E, Vickery R. The in vitro pharmacology of the peripherally restricted opioid receptor antagonists, alvimopan, ADL 08-0011 and methylnaltrexone. *Naunyn Schmiedeberg's Arch Pharmacol.* 2007 May;375(3):205-20. Epub 2007 Mar 6. PubMed PMID: 17340127.

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