

ADL-08-0011

Chemical Properties

| | |
|-------------------|--|
| CAS No.: | 156130-41-5 |
| Formula: | C ₂₃ H ₂₉ NO ₃ |
| Molecular Weight: | 367.49 |
| Appearance: | N/A |
| Storage: | 0-4°C for short term (days to weeks), or -20°C for long term (months). |

Biological Description

| | |
|-------------|--|
| Description | ADL-08-0011 is an metabolite of alvimopan. |
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Solubility Information

| | |
|------------|---|
| Solubility | DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|----------|-----------|-----------|
| 1 mM | 2.721 mL | 13.606 mL | 27.212 mL |
| 5 mM | 0.544 mL | 2.721 mL | 5.442 mL |
| 10 mM | 0.272 mL | 1.361 mL | 2.721 mL |
| 50 mM | 0.054 mL | 0.272 mL | 0.544 mL |

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. 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.
2. 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.

Inhibitors · Natural Compounds · Compound Libraries

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