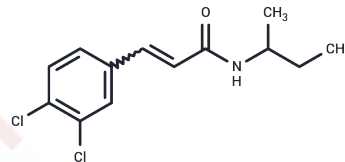


Lvguidingan

Chemical Properties

CAS No. : 82351-05-1
 Formula: C₁₃H₁₅Cl₂NO
 Molecular Weight: 272.17
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

| | |
|---------------|---|
| Description | Lvguidingan is an Anticonvulsant agent. |
| Targets(IC50) | Others |

Solubility Information

| | |
|------------|--|
| Solubility | DMSO: 50 mg/mL (183.71 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 3.6742 mL | 18.3709 mL | 36.7417 mL |
| 5 mM | 0.7348 mL | 3.6742 mL | 7.3483 mL |
| 10 mM | 0.3674 mL | 1.8371 mL | 3.6742 mL |
| 50 mM | 0.0735 mL | 0.3674 mL | 0.7348 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.

Reference

Patejdl R, et al. Phenytoin inhibits contractions of rat gastrointestinal and portal vein smooth muscle by inhibiting calcium entry. *Neurogastroenterol Motil.* 2015 Oct;27(10):1453-65.

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