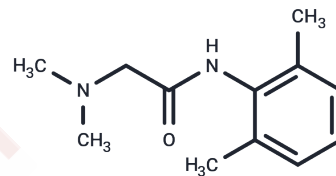


W 36017

Chemical Properties

CAS No. : 21236-54-4
 Formula: C₁₂H₁₈N₂O
 Molecular Weight: 206.28
 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 | W36017 is an impurity of lidocaine with a pKa of 7.4 for blocking neural activity. |
| Targets(IC50) | Others, Drug Metabolite |

Solubility Information

| | |
|---------------------|--|
| Solubility | DMSO: 55 mg/mL (266.63 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
| In vivo Formulation | 10% DMSO+40% PEG300+5% Tween 80+45% Saline: 2 mg/mL (9.7 mM), Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i> |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 4.8478 mL | 24.2389 mL | 48.4778 mL |
| 5 mM | 0.9696 mL | 4.8478 mL | 9.6956 mL |
| 10 mM | 0.4848 mL | 2.4239 mL | 4.8478 mL |
| 50 mM | 0.097 mL | 0.4848 mL | 0.9696 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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