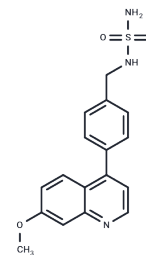


Enpp-1-IN-1

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 2289728-58-9 |
| Formula: | C17H17N3O3S |
| Molecular Weight: | 343.4 |
| 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 | Enpp-1-IN-1 is an inhibitor of Ectonucleotide pyrophosphatase-phosphodiesterase 1 (enpp-1) |
| Targets(IC50) | PDE |

Solubility Information

| | |
|---------------------|---|
| Solubility | DMSO: 250 mg/mL (728.01 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: 5 mg/mL (14.56 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 | 2.9121 mL | 14.5603 mL | 29.1206 mL |
| 5 mM | 0.5824 mL | 2.9121 mL | 5.8241 mL |
| 10 mM | 0.2912 mL | 1.456 mL | 2.9121 mL |
| 50 mM | 0.0582 mL | 0.2912 mL | 0.5824 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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