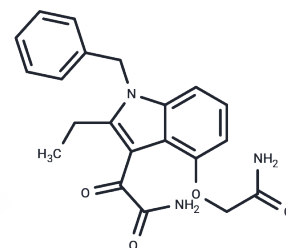


hnps-PLA Inhibitor

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 185298-58-2 |
| Formula: | C ₂₁ H ₂₁ N ₃ O ₄ |
| Molecular Weight: | 379.41 |
| 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 | Hnps-PLA Inhibitor is an inhibitor of human nonpancreatic secretory Phospholipase A (hnps-PLA). |
| Targets(IC50) | LTR,Phospholipase |

Solubility Information

| | |
|------------|---|
| Solubility | DMSO: 11 mg/mL (28.99 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|---|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.6357 mL | 13.1784 mL | 26.3567 mL |
| 5 mM | 0.5271 mL | 2.6357 mL | 5.2713 mL |
| 10 mM | 0.2636 mL | 1.3178 mL | 2.6357 mL |
| 50 mM | 0.0527 mL | 0.2636 mL | 0.5271 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

Meng H, Liu Y, Zhai Y, Lai L. Optimization of 5-hydroxytryptamines as dual function inhibitors targeting phospholipase A2 and leukotriene A4 hydrolase. Eur J Med Chem. 2013 Jan;59:160-7

Mihelich ED, et al. Structure-based design of a new class of anti-inflammatory drugs: secretory phospholipase A (2) inhibitors, SPI. Biochim Biophys Acta. 1999 Nov 23;1441(2-3):223-8

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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