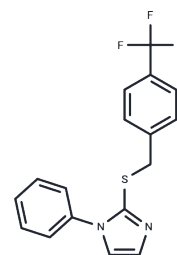


h15-LOX-2 inhibitor 1

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 478040-08-3 |
| Formula: | C ₁₇ H ₁₃ F ₃ N ₂ S |
| Molecular Weight: | 334.36 |
| 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 | Compound 105 (h15-LOX-2 inhibitor 1) is a potent inhibitor of human epithelial 15-lipoxygenase-2 (h15-LOX-2), exhibiting an IC ₅₀ of 0.34 μM [1]. |
| Targets(IC ₅₀) | Lipoxygenase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 2.9908 mL | 14.9539 mL | 29.9079 mL |
| 5 mM | 0.5982 mL | 2.9908 mL | 5.9816 mL |
| 10 mM | 0.2991 mL | 1.4954 mL | 2.9908 mL |
| 50 mM | 0.0598 mL | 0.2991 mL | 0.5982 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

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