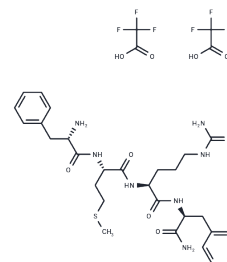


Phe-Met-Arg-Phe amide trifluoroacetate

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 159237-99-7 |
| Formula: | C33H44F6N8O8S |
| Molecular Weight: | 826.81 |
| Storage: | Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small> |



Biological Description

| | |
|----------------------------|--|
| Description | Phe-met-arg-phe amide trifluoroacetate is an activator of K ⁺ current with an ED ₅₀ of 23nm on the fundus nerve. |
| Targets(IC ₅₀) | Potassium Channel |

Solubility Information

| | |
|------------|--|
| Solubility | H ₂ O: 50 mg/mL (60.47 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|-----------|------------|
| 1 mM | 1.2095 mL | 6.0473 mL | 12.0947 mL |
| 5 mM | 0.2419 mL | 1.2095 mL | 2.4189 mL |
| 10 mM | 0.1209 mL | 0.6047 mL | 1.2095 mL |
| 50 mM | 0.0242 mL | 0.1209 mL | 0.2419 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

Kits KS, et al. Phe-Met-Arg-Phe-amide activates a novel voltage-dependent K⁺ current through a lipoxygenase pathway in molluscan neurones. J Gen Physiol. 1997 Nov; 110(5):611-28.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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