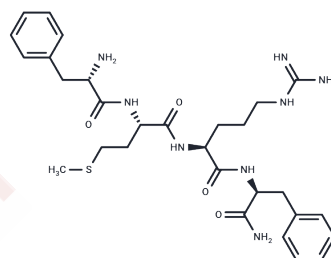


Phe-Met-Arg-Phe, amide

Chemical Properties

CAS No. :	64190-70-1
Formula:	C ₂₉ H ₄₂ N ₈ O ₄ S
Molecular Weight:	598.76
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 dose-dependently (ED ₅₀ =23 nM) activates a K ⁺ current in peptidergic caudodorsal neurons and appears to localize with neuropeptide Y in some brain regions.
Targets(IC ₅₀)	Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6701 mL	8.3506 mL	16.7012 mL
5 mM	0.334 mL	1.6701 mL	3.3402 mL
10 mM	0.167 mL	0.8351 mL	1.6701 mL
50 mM	0.0334 mL	0.167 mL	0.334 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 lipoxigenase pathway in molluscan neurones. J Gen Physiol. 1997 Nov;110(5):611-28.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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