

[Met5]-Enkephalin, amide TFA

Chemical Properties

CAS No. : 2918768-28-0

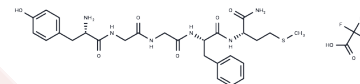
Formula: C₂₉H₃₇F₃N₆O₈S

Molecular Weight: 686.7

Keep away from moisture

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	[Met5]-Enkephalin, amide TFA (5-Methionine-enkephalin amide (TFA)) is a δ opioid receptors agonist as well as putative ζ (zeta) opioid receptors.
Targets(IC50)	Opioid Receptor

Solubility Information

Solubility	DMSO: 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4562 mL	7.2812 mL	14.5624 mL
5 mM	0.2912 mL	1.4562 mL	2.9125 mL
10 mM	0.1456 mL	0.7281 mL	1.4562 mL
50 mM	0.0291 mL	0.1456 mL	0.2912 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

Stiene-Martin A, et al. Glial growth is regulated by agonists selective for multiple opioid receptor types in vitro. J Neurosci Res. 1991 Aug;29(4):538-48.

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