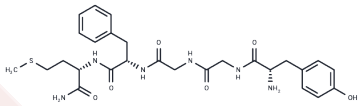
Data Sheet (Cat.No.TP1255)

TargetMol

[Met5]-Enkephalin, amide

Chemical Properties



CAS No. : 60117-17-1

Formula: C27H36N6O6S

Molecular Weight: 572.68

Storage: Keep away from moisture
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 is an agonist for δ opioid receptors as well as putative ζ (zeta) opioid receptors. Met-enkephalin circulates in several forms, potentially derived from proteins other than proenkephalin A, and plasma levels of both free native and peptidase-derivable Met-enkephalin are physiologically modulated.
Targets(IC50)	Opioid Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7462 mL	8.7309 mL	17.4618 mL
5 mM	0.3492 mL	1.7462 mL	3.4924 mL
10 mM	0.1746 mL	0.8731 mL	1.7462 mL
50 mM	0.0349 mL	0.1746 mL	0.3492 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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