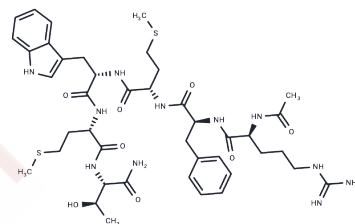


Acetalin-3

Chemical Properties

CAS No. :	152274-65-2
Formula:	C42H61N11O8S2
Molecular Weight:	912.13
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	Acetalin-3 (Ac-RFMWMT-NH2) is a hexapeptide that acts as a μ opioid receptor antagonist, displaying high affinity for μ and $\kappa 3$ opioid receptors, weak affinity for $\kappa 1$ receptors, and no affinity for $\kappa 2$ receptors [1].
Targets(IC50)	Opioid Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0963 mL	5.4817 mL	10.9633 mL
5 mM	0.2193 mL	1.0963 mL	2.1927 mL
10 mM	0.1096 mL	0.5482 mL	1.0963 mL
50 mM	0.0219 mL	0.1096 mL	0.2193 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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