Data Sheet (Cat.No.TP2529)

TargetMol

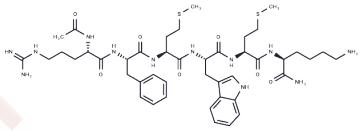
Acetalin-1

Chemical Properties

CAS No. : 152274-67-4

Formula: C44H66N12O7S2

Molecular Weight: 939.2



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	Acetalin-1 (Ac-RFMWMK-NH2) is a hexapeptide that acts as a μ opioid receptor antagonist with strong affinity for both μ and κ3 opioid receptors, exhibits weak affinity for κ1 receptors, and shows no affinity for κ2 receptors [1].
Targets(IC50)	Opioid Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0647 mL	5.3237 mL	10.6474 mL
5 mM	0.2129 mL	1.0647 mL	2.1295 mL
10 mM	0.1065 mL	0.5324 mL	1.0647 mL
50 mM	0.0213 mL	0.1065 mL	0.2129 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

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481