

## Ac-RYYRIK-NH2 TFA

## Chemical Properties

CAS No. :

Formula: C46H71F3N14O11

Molecular Weight: 1053.13

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	Ac-RYYRIK-NH2 TFA acts as both a potent partial agonist for ORL1 when transfected in CHO cells ( $K_d = 1.5$ nM) and an endogenous ligand of ORL1. Moreover, it serves as a specific antagonist that inhibits G protein activation and competitively blocks the stimulation of [35S]-GTP $\gamma$ S binding to G proteins by nociceptin/orphanin FQ (noc/OFQ) in rat brain membranes and sections [1].
Targets(IC50)	Opioid Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9496 mL	4.7478 mL	9.4955 mL
5 mM	0.1899 mL	0.9496 mL	1.8991 mL
10 mM	0.095 mL	0.4748 mL	0.9496 mL
50 mM	0.019 mL	0.095 mL	0.1899 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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