

RO27-3225 TFA

## Chemical Properties

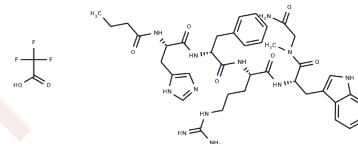
CAS No. : 1373926-49-8

Formula: C41H53F3N12O8

Molecular Weight: 898.9462

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	RO27-3225, also known as RO273225 is a melanocortin type 4 receptor agonist with EC50 = 1 nM. It may alleviate intestinal dysfunction and brain damage. It has been investigated for an anti-obesity medication. Ro 27-3225 shows some activity at the MC1 receptor. Ro 27-3225 reverses hemorrhagic shock, reduces multiple organ damage, and improves survival.
Targets(IC50)	Others, Melanocortin Receptor, Interleukin, TNF

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1124 mL	5.562 mL	11.1241 mL
5 mM	0.2225 mL	1.1124 mL	2.2248 mL
10 mM	0.1112 mL	0.5562 mL	1.1124 mL
50 mM	0.0222 mL	0.1112 mL	0.2225 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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