

GR 64349 TFA

Chemical Properties

CAS No. :

Formula: C44H69F3N10O13S

Molecular Weight: 1035.13

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	GR 64349 is a potent and highly selective NK2 receptor peptide antagonist with an EC50 of 3.7 nM in rat colon, exhibiting over 1000-fold selectivity against NK1 receptors and over 300-fold selectivity against NK3 receptors, ensuring targeted action [1] [2].
Targets(IC50)	Neurokinin receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9661 mL	4.8303 mL	9.6606 mL
5 mM	0.1932 mL	0.9661 mL	1.9321 mL
10 mM	0.0966 mL	0.483 mL	0.9661 mL
50 mM	0.0193 mL	0.0966 mL	0.1932 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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