

UR-AK49

Chemical Properties

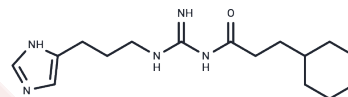
CAS No. : 902154-32-9

Formula: C₁₆H₂₇N₅O

Molecular Weight: 305.42

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	UR-AK49 (compound 11) is an agonist for the human histamine H1 and H2 receptors. It exhibits an EC ₅₀ of 23 nM in the GTPase assay involving hH2R-Gsalpha fusion protein expressed in Sf9 insect cells. UR-AK49 is applicable in neurologically related research.
Targets(IC ₅₀)	Apoptosis,Akt,Histamine Receptor,PI3K,TRP/TRPV Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2742 mL	16.3709 mL	32.7418 mL
5 mM	0.6548 mL	3.2742 mL	6.5484 mL
10 mM	0.3274 mL	1.6371 mL	3.2742 mL
50 mM	0.0655 mL	0.3274 mL	0.6548 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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