

ARF (26-44) acetate

Chemical Properties

CAS No. :

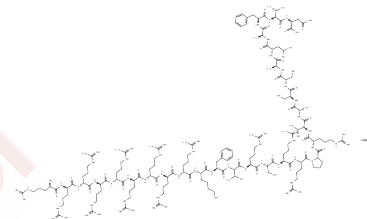
Formula: C151H271N69O35S

Molecular Weight: 3645.34

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	ARF (26-44) acetate (935732-44-8 free base) is a polypeptide fragment derived from the C-terminal of ADP ribosylation factor (ARF) protein, which is often used to study vesicle transport and membrane dynamics related to ARF. The peptide can interact with ARF effector protein or membrane structure in vitro, and is widely used as a tool molecule to analyze the mechanism of ARF-mediated signal transduction and intracellular membrane transport.
Targets(IC50)	Apoptosis

Solubility Information

Solubility	H2O: 33.3 mg/mL (9.13 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2743 mL	1.3716 mL	2.7432 mL
5 mM	0.0549 mL	0.2743 mL	0.5486 mL
10 mM	0.0274 mL	0.1372 mL	0.2743 mL
50 mM	0.0055 mL	0.0274 mL	0.0549 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.

Reference

Gusarova G A, et al. A cell-penetrating ARF peptide inhibitor of FoxM1 in mouse hepatocellular carcinoma treatment[J]. The Journal of clinical investigation, 2007, 117(1): 99-111

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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