

Anti-Inflammatory Peptide 1 Acetate

Chemical Properties

CAS No. :

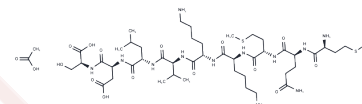
Formula: C47H86N12O16S2

Molecular Weight: 1139.39

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	Anti-Inflammatory Peptide 1 Acetate (C45H82N12O14S2) possesses a potent anti-inflammatory activity in vivo and is a strong inhibitor of phospholipase A2 (PLA2), whose increased presence and activity results in inflammation and pain at certain bodily sites.
Targets(IC50)	Phospholipase

Solubility Information

Solubility	H2O: 20 mg/mL (17.55 mM),Sonication is recommended. DMSO: 103 mg/mL (90.4 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8777 mL	4.3883 mL	8.7766 mL
5 mM	0.1755 mL	0.8777 mL	1.7553 mL
10 mM	0.0878 mL	0.4388 mL	0.8777 mL
50 mM	0.0176 mL	0.0878 mL	0.1755 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

Skurk T , Lee Y M , Hauner H . Angiotensin II and Its Metabolites Stimulate PAI-1 Protein Release From Human Adipocytes in Primary Culture[J]. Hypertension, 2001, 37(5):1336-40.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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