

Acetyl tetrapeptide-3 Acetate

Chemical Properties

CAS No. :

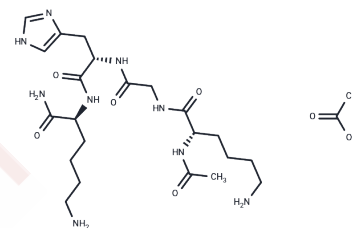
Formula: C₂₄H₄₃N₉O₇

Molecular Weight: 569.65

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	Acetyl tetrapeptide-3 Acetate is a biomimetic peptide.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7555 mL	8.7773 mL	17.5546 mL
5 mM	0.3511 mL	1.7555 mL	3.5109 mL
10 mM	0.1755 mL	0.8777 mL	1.7555 mL
50 mM	0.0351 mL	0.1755 mL	0.3511 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

Ranade DS, Bapat AM, Ramteke SN, Joshi BN, Roussel P, Tomas A, Deschamps P, Kulkarni PP. Thiosemicarbazone modification of 3-acetyl coumarin inhibits A β peptide aggregation and protect against A β -induced cytotoxicity. Eur J Med Chem. 2016 Oct 4;121:803-809. doi: 10.1016/j.ejmech.2015.07.028. Epub 2015 Jul 23. PubMed PMID: 26232353.

Raters M, Elsinghorst PW, Goetze S, Dingel A, Matissek R. Determination of 2-Methylimidazole, 4-Methylimidazole, and 2-Acetyl-4-(1,2,3,4-tetrahydroxybutyl)imidazole in Licorice Using High-Performance Liquid Chromatography-Tandem Mass Spectrometry Stable-Isotope Dilution Analysis. J Agric Food Chem. 2015 Jul 1;63(25):5930-4. doi: 10.1021/acs.jafc.5b01493. Epub 2015 Jun 22. PubMed PMID: 26073294.

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