

Acetyl tetrapeptide-2 Acetate

Chemical Properties

CAS No. :

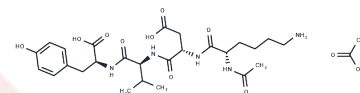
Formula: C₂₈H₄₃N₅O₁₁

Molecular Weight: 625.67

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-2 Acetate is most commonly used as a skin conditioner. Acetyl tetrapeptide-2 Acetate is done by compensating for hormone loss in the skin, especially collagen, providing somewhat of a plumping effect to the skin.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5983 mL	7.9914 mL	15.9829 mL
5 mM	0.3197 mL	1.5983 mL	3.1966 mL
10 mM	0.1598 mL	0.7991 mL	1.5983 mL
50 mM	0.032 mL	0.1598 mL	0.3197 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

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.

Rodriguez AA, Cedillo I, Mowery BP, Gaus HJ, Krishnamoorthy SS, McPherson AK. Formation of the N(2)-acetyl-2,6-diaminopurine oligonucleotide impurity caused by acetyl capping. *Bioorg Med Chem Lett*. 2014 Aug 1;24(15):3243-6. doi: 10.1016/j.bmcl.2014.06.025. Epub 2014 Jun 18. PubMed PMID: 24980055.

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