

Palmitoyl dipeptide-7 acetate

Chemical Properties

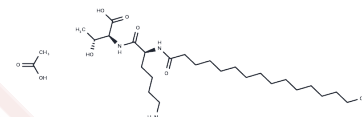
CAS No. :

Formula: C28H55N3O7

Molecular Weight: 545.75

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	Palmitoyl dipeptide-7 acetate is the acetate form of Palmitoyl dipeptide-7. Palmitoyl Dipeptide-7 is a bioactive peptide with anti-aging properties that is widely used in cosmetics. It promotes the production of collagen, elastin, hyaluronic acid, glycosaminoglycans and fibronectin by increasing matrix cell activity.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8323 mL	9.1617 mL	18.3234 mL
5 mM	0.3665 mL	1.8323 mL	3.6647 mL
10 mM	0.1832 mL	0.9162 mL	1.8323 mL
50 mM	0.0366 mL	0.1832 mL	0.3665 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

Tałała U, et al. The Effects of a Novel Series of KTTKS Analogues on Cytotoxicity and Proteolytic Activity. *Molecules*. 2019;24(20):3698. Published 2019 Oct 15.

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