

## Acetyl Pentapeptide-1 acetate

## Chemical Properties

CAS No. :

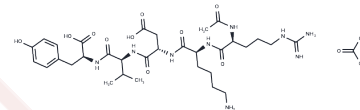
Formula: C34H55N9O12

Molecular Weight: 781.86

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 Pentapeptide-1 acetate is an histone deacetylase inhibitor.
Targets(IC50)	Histone Demethylase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.279 mL	6.395 mL	12.790 mL
5 mM	0.2558 mL	1.279 mL	2.558 mL
10 mM	0.1279 mL	0.6395 mL	1.279 mL
50 mM	0.0256 mL	0.1279 mL	0.2558 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

Hennig D, et al. Novel insights into appropriate encapsulation methods for bioactive compounds into polymers: a study with peptides and HDAC inhibitors. *Macromol Biosci.* 2014 Jan;14(1):69-80.

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