

## Octapeptide-2 Acetate

## Chemical Properties

CAS No. :

Formula: C40H64N10O18S

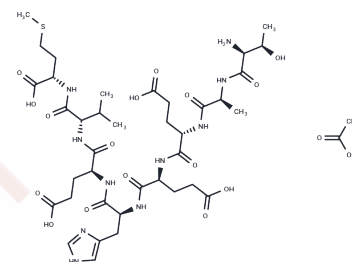
Molecular Weight: 1005.06

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	Octapeptide-2 Acetate, as a hair growth promotion active, is a double-layered encapsulated biomimetic peptide that helps increase cell growth and migration. It promotes hair growth by activating the stem cells of the hair follicles. Octapeptide-2 is more stable and prolongs action than native proteins.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.995 mL	4.9748 mL	9.9497 mL
5 mM	0.199 mL	0.995 mL	1.9899 mL
10 mM	0.0995 mL	0.4975 mL	0.995 mL
50 mM	0.0199 mL	0.0995 mL	0.199 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

Alexey Alekseevich Kubanov, et al. A Randomized Study of Biomimetic Peptides Efficacy and Impact on the Growth Factors Expression in the Hair Follicles of Patients with Telogen Effluvium. Journal of Applied Pharmaceutical Science Vol. 8(04), pp 015-022, April, 2018

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