

## Acetyl tetrapeptide-9

## Chemical Properties

CAS No. : 928006-50-2

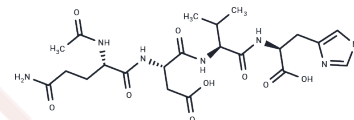
Formula: C<sub>22</sub>H<sub>33</sub>N<sub>7</sub>O<sub>9</sub>

Molecular Weight: 539.54

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-9 is important for the stimulation of basement membrane polysaccharide (lumican) and the synthesis of collagen I.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8534 mL	9.2672 mL	18.5343 mL
5 mM	0.3707 mL	1.8534 mL	3.7069 mL
10 mM	0.1853 mL	0.9267 mL	1.8534 mL
50 mM	0.0371 mL	0.1853 mL	0.3707 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

Shrestha S, Paudel P, Seong SH, Min BS, Seo EK, Jung HA, Choi JS. Two new naphthalenic lactone glycosides from *Cassia obtusifolia* L. seeds. *Arch Pharm Res*. 2018 Jun 8. doi: 10.1007/s12272-018-1044-0. [Epub ahead of print] PubMed PMID: 29948771.

Knox PP, Lukashov EP, Gorokhov VV, Grishanova NP, Paschenko VZ. Hybrid complexes of photosynthetic reaction centers and quantum dots in various matrices: resistance to UV irradiation and heating. *Photosynth Res*. 2018 Jun 15. doi: 10.1007/s11120-018-0529-5. [Epub ahead of print] PubMed PMID: 29948749.

Stefan A, Calonghi N, Schipani F, Dal Piaz F, Sartor G, Hochkoeppler A. Purification of active recombinant human histone deacetylase 1 (HDAC1) overexpressed in *Escherichia coli*. *Biotechnol Lett*. 2018 Jun 14. doi: 10.1007/s10529-018-2585-5. [Epub ahead of print] PubMed PMID: 29948514.

Song P, Yuan K, Qin T, Zhang K, Ji XJ, Ren L, Guan R, Wen J, Huang H. Metabolomics profiling reveals the mechanism of increased pneumocandin B(0) production by comparing mutant and parent strains. *J Ind Microbiol Biotechnol*. 2018 Jun 14. doi: 10.1007/s10295-018-2047-z. [Epub ahead of print] PubMed PMID: 29948195.

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