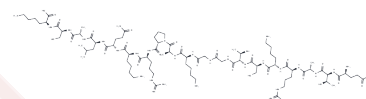


## Histone H3 (5-23)

## Chemical Properties

CAS No. :	330198-01-1
Formula:	C84H153N31O26
Molecular Weight:	2013.339
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Histone H3 (5-23), a derivative of histone H3 consisting of amino acids 5-23, serves as a substrate for histone acetyltransferase (HAT) assays.
Targets(IC50)	Histone Acetyltransferase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4967 mL	2.4834 mL	4.9669 mL
5 mM	0.0993 mL	0.4967 mL	0.9934 mL
10 mM	0.0497 mL	0.2483 mL	0.4967 mL
50 mM	0.0099 mL	0.0497 mL	0.0993 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

Holbert MA, et al. The human monocytic leukemia zinc finger histone acetyltransferase domain contains DNA-binding activity implicated in chromatin targeting. J Biol Chem. 2007;282(50):36603-36613.

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