

## Histone H3 (1-21)

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Cat. No.: HY-P2552  
CAS No.: 873215-29-3  
Batch No.: 130279  
Chemical Name: L-Alanine, L-alanyl-L-arginyl-L-threonyl-L-lysyl-L-glutaminy-L-threonyl-L-alanyl-L-arginyl-L-lysy  
L-L-seryl-L-threonylglycylglycyl-L-lysyl-L-alanyl-L-prolyl-L-arginyl-L-lysyl-L-glutaminy-L-leucyl-

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{94}H_{172}N_{36}O_{28}$   
Molecular Weight: 2254.60  
Storage: Sealed storage, away from moisture  
Powder -80°C 2 years  
-20°C 1 years  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

### Chemical Structure:

ARTKQTARKSTGGKAPRKQLA

### ANALYTICAL DATA

Appearance: White to off-white (Solid)  
MS: Consistent with structure  
Purity (HPLC): 98.05%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com  
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA