

Histone H3 (1-25), amide

Cat. No.:	HY-P2554
CAS No.:	1373320-65-0
Molecular Formula:	C ₁₁₀ H ₂₀₂ N ₄₂ O ₃₂
Molecular Weight:	2625.1
Sequence Shortening:	ARTKQTARKSTGGKAPRKQLATKAA-NH ₂
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Histone H3 (1-25), amide is an N-terminal peptide fragment of histone H3. Histone H3 (1-25), amide can be used to identify the substrate for histone methyltransferases (HMTs). Histone H3 (1-25), amide, as a substrate for HMT G9a, shows more efficient than histone H3 (15-39) and full-length histone H3^[1].

REFERENCES

[1]. Kumar M, et al. Biochemical Assay Development for Histone Methyltransferases Using a Transcreeper-Based Assay for S-Adenosylhomocysteine. Assay Drug Dev Technol. 2015;13(4):200-209.

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

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