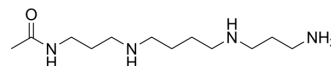


N1-Acetylspermine

Cat. No.:	HY-113200
CAS No.:	25593-72-0
Molecular Formula:	C ₁₂ H ₂₈ N ₄ O
Molecular Weight:	244.38
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	N1-Acetylspermine is an endogenous metabolite present in Urine that can be used for the research of Leukemia ^{[1][2]} .
IC ₅₀ & Target	Human Endogenous Metabolite
In Vitro	Endogenous metabolites is defined as those that are annotated by Kyoto Encyclopedia of Genes and Genomes as substrates or products of the ~1900 metabolic enzymes encoded in our genome. It is clear in the body of literature that there are documented toxic properties for many of these metabolites ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Lee SH, et al. Polyamine profiles in the urine of patients with leukemia. *Cancer Lett.* 1998 Jan 9;122(1-2):1-8.
- [2]. Lee N, et al. Endogenous toxic metabolites and implications in cancer therapy. *Oncogene.* 2020 Aug;39(35):5709-5720.

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

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