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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Spermine-d₂₀

Cat. No.:	HY-W654342
Molecular Formula:	C ₁₀ H ₆ D ₂₀ N ₄
Molecular Weight:	222.46
Target:	Isotope-Labeled Compounds; Endogenous Metabolite; Influenza Virus
Pathway:	Others; Metabolic Enzyme/Protease; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Spermine-d₂₀ (NSC 268508-d₂₀) is deuterium labeled Spermine. Spermine (NSC 268508) functions directly as a free radical scavenger to protect DNA from free radical attack. Spermine has antiviral effects^[1].

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019 Feb;53(2):211-216.
- [2]. Ha HC, et al. The natural polyamine spermine functions directly as a free radical scavenger. Proc Natl Acad Sci U S A. 1998 Sep 15;95(19):11140-5.
- [3]. Mounce BC, et al. Polyamines and Their Role in Virus Infection. Microbiol Mol Biol Rev. 2017 Sep 13;81(4). pii: e00029-17.

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

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