



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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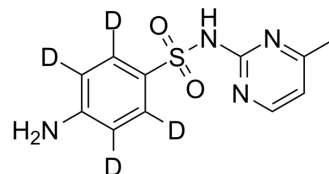
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Sulfamerazine D4

Cat. No.:	HY-B0512S
CAS No.:	1020719-84-9
Molecular Formula:	C ₁₁ H ₈ D ₄ N ₄ O ₂ S
Molecular Weight:	268.33
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Sulfamerazine D4 is a deuterium labeled Sulfamerazine. Sulfamerazine, a sulfonamide antibacterial, inhibits bacterial synthesis of dihydrofolic acid by competing with para-aminobenzoic acid (PABA) for binding to dihydropteroate synthetase [1].

REFERENCES

[1]. Aday B, et al. Synthesis of novel sulfonamide analogs containing sulfamerazine/sulfaguanidine and their biological activities. J Enzyme Inhib Med Chem. 2016 Dec;31(6):1005-10.

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

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