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Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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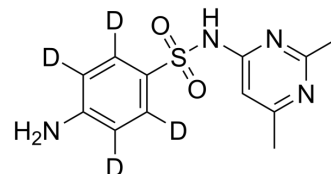
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Sulfisomidin-d₄

Cat. No.:	HY-W719074
CAS No.:	2732915-77-2
Molecular Formula:	C ₁₂ H ₁₀ D ₄ N ₄ O ₂ S
Molecular Weight:	282.35
Target:	Isotope-Labeled Compounds; Antibiotic; Bacterial
Pathway:	Others; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Sulfisomidin-d₄ (Sulfaisodimidine-d₄) is deuterium labeled Sulfisomidin. Sulfisomidin (Sulfaisodimidine) is an orally active short-acting sulfonamide antibacterial. Sulfisomidin can be used for the research of lower urinary tract infections^{[1][2]}.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019 Feb;53(2):211-216.
- [2]. Bridges JW, et al. Species differences in the metabolism and excretion of sulphasomidine and sulphamethomidine. Biochem J. 1969 Jan;111(2):173-9.
- [3]. Melander A, et, al. Therapeutic equivalence of sulfaisodimidine 2 g twice daily and 1 g four times daily in lower urinary tract infections. Acta Med Scand. 1982;211(5):361-4.

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

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