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Produktinformation



Forschungsprodukte & Biochemikalien



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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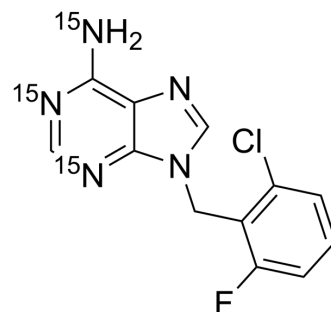
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Arprinocid-¹⁵N₃

Cat. No.:	HY-W104379S
Molecular Formula:	C ₁₂ H ₉ ClFN ₂ ¹⁵ N ₃
Molecular Weight:	280.66
Target:	Parasite; Isotope-Labeled Compounds
Pathway:	Anti-infection; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Arprinocid-15N ₃ is ¹⁵ N ₃ -labeled Arprinocid (HY-W104379). Arprinocid is a purine analog with activity against murine <i>Toxoplasma gondii</i> ^{[1][2]} .
In Vitro	Stable heavy isotopes of hydrogen, carbon, and other elements have been incorporated into drug molecules, largely as tracers for quantitation during the drug development process. Deuteration has gained attention because of its potential to affect the pharmacokinetic and metabolic profiles of drugs ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother*. 2019 Feb;53(2):211-216.
- [2]. Luft BJ. Potent in vivo activity of arprinocid, a purine analogue, against murine toxoplasmosis. *J Infect Dis*. 1986 Oct;154(4):692-4

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

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