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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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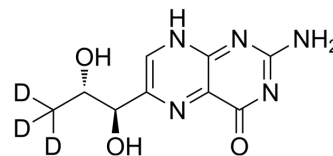
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6-Biopterin-d₃

Cat. No.:	HY-102015S
CAS No.:	1217838-71-5
Molecular Formula:	C ₉ H ₈ D ₃ N ₅ O ₃
Molecular Weight:	240.23
Target:	Isotope-Labeled Compounds; NO Synthase; Endogenous Metabolite
Pathway:	Others; Immunology/Inflammation; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	6-Biopterin-d ₃ (L-Biopterin-d ₃) is deuterium labeled 6-Biopterin. 6-Biopterin (L-Biopterin), a pterin derivative, is a NO synthase cofactor ^[1] .
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REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019 Feb;53(2):211-216.
- [2]. Schallreuter KU, et al. Cytotoxicity of 6-biopterin to human melanocytes. Biochem Biophys Res Commun. 1994 Oct 14;204(1):43-8.

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

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