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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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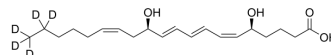
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Leukotriene B4-d₅

Cat. No.:	HY-107608S1
Molecular Formula:	C ₂₀ H ₂₇ D ₅ O ₄
Molecular Weight:	341.5
Target:	Isotope-Labeled Compounds; Endogenous Metabolite; PROTAC Linkers; Leukotriene Receptor
Pathway:	Others; Metabolic Enzyme/Protease; PROTAC; GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Leukotriene B4-d₅ (LTB4-d₅) is deuterium labeled Leukotriene B4. Leukotriene B4 (LTB4) is known as one of the most potent chemoattractants and activators of leukocytes and is involved in inflammatory diseases. Leukotriene B4 is also an alkyl chain-based PROTAC linker that can be used in the synthesis of PROTACs^{[1][2][3][4]}.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother*. 2019 Feb;53(2):211-216.
- [2]. An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. *EBioMedicine*. 2018 Oct;36:553-562
- [3]. S.WCrooks, et al. Leukotriene B4. *The International Journal of Biochemistry & Cell Biology* Volume 30, Issue 2, 27 March 1998, Pages 173-178.
- [4]. Takehiko Yokomizo, et al. Leukotriene B4: Metabolism and Signal Transduction. *Archives of Biochemistry and Biophysics* Volume 385, Issue 2, 15 January 2001, Pages 231-241.

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

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