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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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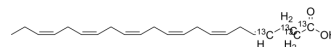
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Docosahexaenoic acid-¹³C₄

Cat. No.:	HY-B2167S2
Molecular Formula:	C ₁₈ ¹³ C ₄ H ₃₂ O ₂
Molecular Weight:	332.46
Target:	Isotope-Labeled Compounds; Endogenous Metabolite
Pathway:	Others; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Docosahexaenoic acid-¹³C₄ is ¹³C labeled Docosahexaenoic acid. Docosahexaenoic Acid (DHA) is an omega-3 fatty acid abundantly present brain and retina. It can be obtained directly from fish oil and maternal milk^[1].

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. Ann Pharmacother. 2019 Feb;53(2):211-216.
- [2]. Horrocks LA, et al. Health benefits of docosahexaenoic acid (DHA). Pharmacol Res. 1999 Sep;40(3):211-25.
- [3]. Gharami K, et al. Essential role of docosahexaenoic acid towards development of a smarter brain. Neurochem Int. 2015 Oct;89:51-62.
- [4]. Lenggqvist J, et al. Polyunsaturated fatty acids including docosahexaenoic and arachidonic acid bind to the retinoid Xreceptor alpha ligand-binding domain. Mol Cell Proteomics. 2004 Jul;3(7):692-703.
- [5]. Gamoh S, et al. Chronic administration of docosahexaenoic acid improves reference memory-related learning ability in young rats. Neuroscience. 1999;93(1):237-41.
- [6]. Ozsoy O, et al. The influence and the mechanism of docosahexaenoic acid on a mouse model of Parkinson's disease. Neurochem Int. 2011 Oct;59(5):664-70.

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

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