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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
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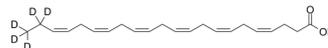
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Docosahexaenoic acid-d5

Cat. No.:	HY-B2167S	
CAS No.:	1197205-71-2	
Molecular Formula:	C ₂₂ H ₂₇ D ₅ O ₂	
Molecular Weight:	333.52	
Target:	Endogenous Metabolite	
Pathway:	Metabolic Enzyme/Protease	
Storage:	Pure form	-20°C 3 years
	In solvent	-80°C 6 months
		-20°C 1 month



BIOLOGICAL ACTIVITY

Description	Docosahexaenoic acid-d5 (DHA-d5) is the deuterium 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.
In Vitro	<p>Caution: Product has not been fully validated for medical applications. For research use only.</p> <p>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 [1].</p> <p>Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p>

REFERENCES

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- [3]. Gharami K, et al. Essential role of docosahexaenoic acid towards development of a smarter brain. *Neurochem Int.* 2015 Oct;89:51-62.
- [4]. Lengqvist 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.
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