

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 Pure form -20°C Storage: 3 years

> In solvent -80°C 6 months

> > -20°C 1 month

Product Data Sheet

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	Stanting: Product be snot been fully radidated for medical applications. For research use only molecules, largely as

tracers/orguentitation during the doug development process. Deuteration has gained attention because of its potential to affect the pharmagokinetine and metabodicier of less of dugs [] unction, NJ 08852, USA

MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

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[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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