



LKT Laboratories, Inc.

Docosahexaenoic Acid (all cis-4,7,10,13,16,19) Methyl Ester

Phone: 888-558-5227
651-644-8424
Fax: 888-558-7329
Email: getinfo@lktlabs.com
Web: lktlabs.com

Product Information

Product ID D5611

CAS No. 2566-90-7

Chemical Name

Synonym all cis-4,7,10,13,16,19-Docosahexaenoic acid methyl ester, DHA methyl ester

Formula C₂₃H₃₄O₂

Formula Wt. 342.51

Melting Point

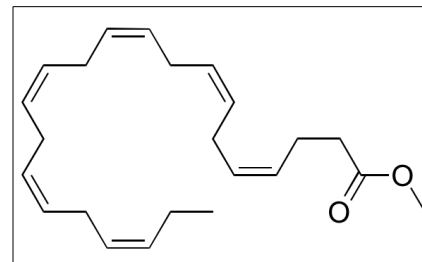
Purity ≥99%

Solubility soluble in hexane, ethyl ether, methylene chloride, ethanol, DMSO, DMF

Store Temp -20°C

Ship Temp Ambient

Description Docosahexaenoic acid (all cis-4,7,10,13,16,19) methyl ester is the methyl ester of one of the omega 3 fatty acids DHA, Docosahexaenoic acid (all cis-4,7,10,13,16,19). DHA is an essential fatty acid found in fish oil. DHA and other essential fatty acids are necessary for synthesis of prostaglandins, which play roles in homeostatic functions and inflammatory responses. DHA methyl ester may be involved in the formation of protein adducts during aging and aging-related diseases.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
D5611	25 mg	\$87.60
D5611	100 mg	\$272.30

References Tapiero H, Ba GN, Couvreur P, et al. Polyunsaturated fatty acids (PUFA) and eicosanoids in human health and pathologies. Biomed Pharmacother. 2002 Jul;56(5):215-22. PMID: 12199620.

Hu PC, Chen BH. Effects of riboflavin and fatty acid methyl esters on cholesterol oxidation during illumination. J Agric Food Chem. 2002 Jun 5;50(12):3572-8. PMID: 12033831.

Liu W, Wang HJ, Wang LP, et al. Formation of high-molecular-weight protein adducts by methyl docosahexaenoate peroxidation products. Biochim Biophys Acta. 2007 Feb;1774(2):258-66. PMID: 17207667.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.