

(E,E,E)-2-Acetyl-5,9,13,17-tetramethyl-4,8,12,16-octadecatetraenoic Acid Ethyl Ester

Art. ID TRC-A188620-10MG
Unit 10 mg
Deliverydetails No Dangerous Good

Description

Appearance: Pale Yellow Oil /// Application Notes:

(E,E,E)-2-Acetyl-5,9,13,17-tetramethyl-4,8,12,16-octadecatetraenoic Acid Ethyl Ester is an intermediate in the synthesis of Menaquinone 6 (M218590). Menaquinones are isoprenoid quinones of the naphthalene series and belongs to the K2 Vitamin homologs. Menaquinones were originally discovered as the anti-hemorrhagic factor and now encompasses a variety of physiological processes. Menaquinone-6 were the major isoprenoid quinones found in membrane preparations of *Campylobacter jejuni* and *Campylobacter fetus*. /// References: Kiesel, B., et al.: Biodegradation, 19, 435 (2008), Suhara, Y., et al.: Bioorg. Med. Chem., 16, 3108 (2008), Gast, G., et al.: Nut., Metab., Cardiovas., Diseases, 19, 504 (2009) | Carlone G.M., et al.: J. Gen. Microbiol., 129, 3385 (1983)

Text/Information	Analyte/Parameter	CAS number	Concentration/Value	Unit	Method	Source
	(E,E,E)-2-Acetyl-5,9,13,17-tetramethyl-4,8,12,16-octadecatetraenoic Acid Ethyl Ester	[71668-81-0]				