

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

Art. ID TRC-A188620-250MG  
Unit 250 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] |                     |      |        |        |