



Product Information

Product ID V344761

CAS No. 863-61-6

Chemical Name 2-methyl-3-[(2E,6E,10E)-3,7,11,15-tetramethylhexadeca-2,6,10,14-tetraenyl]naphthalene-1,4-dione

Synonym Vitamin K2 (20); Menaquinone-4; MK-4; Menatetrenone; 2-Methyl-3-trans-tetraprenyl-1,4-naphthoquinone; 2-Methyl-3-geranylgeranyl-1,4-naphthoquinone

Formula C₃₁H₄₀O₂

Formula Wt. 444.6

Melting Point 57-59 °C

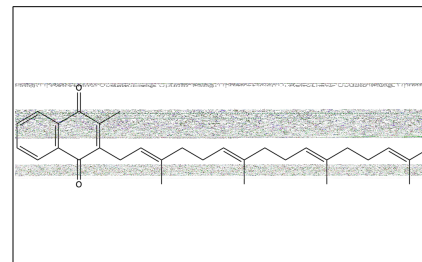
Purity ≥98%

Solubility

Store Temp -20 °C

Ship Temp Ambient

Description Vitamin K2 is a member of the fat-soluble vitamin K family, also known as menaquinones.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
V344761	100 mg	\$78.10
V344761	250 mg	\$117.70
V344761	1 g	\$342.50

References Elkattawy H, Ghoneim F, Eladi M, et al. Vitamin K2 (Menaquinone-7) reverses age-related structural and cognitive deterioration in naturally aging rats. *Antioxidants (Basel)*. 2022 Mar 8;11(3):514. PMID: 35326264.

Wang H, Zhang N, Li L, et al. Menaquinone 4 reduces bone loss in ovariectomized mice through dual regulation of bone remodeling. *Nutrients*. 2021 Jul 27;13(8):2570. PMID: 34444729.

Bai H, Hiura H, Obara Y, et al. Short communication: Menaquinone-4 (vitamin k2) induces proliferation responses in bovine peripheral blood mononuclear cells. *J Dairy Sci*. 2020 Aug;103(8):7531-7534. PMID: 32448576.

Moghadam B, Fereidoni M. Neuroprotective effect of menaquinone-4 (MK-4) on transient global cerebral ischemia/reperfusion injury in rat. *PLoS One*. 2020 Mar 9;15(3):e0229769. PMID: 32150581.

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