



LKT Laboratories, Inc.

Menaquinone-7

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Product Information

Product ID M177521

CAS No. 2124-57-4

Chemical Name 2-[(2E,6E,10E,14E,18E,22E)-3,7,11,15,19,23,27-Heptamethyl-2,6,10,14,18,22,26-octacosaeptaen-1-yl]-3-methyl-1,4-naphthoquinone

Synonym Vitamin K2(35), MK-7; trans-menaquinone 7; 1,4-Naphthoquinone, 2-(3,7,11,15,19,23,27-heptamethyl-2,6,10,14,18,22,26-octacosaept-1-enyl)-3-methyl-, (all-E)-

Formula C₄₆H₆₄O₂

Formula Wt. 648.99

Melting Point

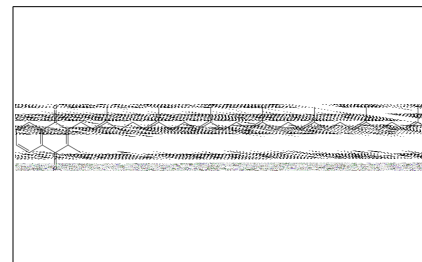
Purity 98%

Solubility

Store Temp -20°C

Ship Temp Ambient

Description Menaquinone-7 is a vitamin K2 homolog.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
M177521	5 mg	\$117.70
M177521	10 mg	\$180.30
M177521	25 mg	\$390.60

References Karamzad N, Faraji E, Adeli S, et al. The effect of menaquinone-7 supplementation on dp-ucMGP, PIVKAI, inflammatory markers, and body composition in type 2 diabetes patients: a randomized clinical trial. *Nutr Diabetes*. 2022 Apr 1;12(1):15. PMID: 35365594.

Elkattawy H, Ghoneim F, Eladl 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: 35326164.

Akbulut A, Wasilewski G, Rapp N, et al. Menaquinone-7 supplementation improves osteogenesis in pluripotent stem cell derived mesenchymal stem cells. *Front Cell Dev Biol*. 2021 Jan 28;8:618760. PMID: 33585456.

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