



LKT Laboratories, Inc.

Menaquinone-9

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Product Information

Product ID M177531

CAS No. 523-39-7

Chemical Name 2-Methyl-3-[(2E,6E,10E,14E,18E,22E,26E,30E)-3,7,11,15,19,23,27,31,35-nonamethyl-2,6,10,14,18,22,26,30,34-hexatriacontanonaen-1-yl]-1,4-naphthoquinone

Synonym Vitamin K2(45); MK9; Menaquinone MK 9; vitamin K2 analog; 1,4-Naphthalenedione, 2-methyl-3-(3,7,11,15,19,23,27,31,35-nonamethyl-2,6,10,14,18,22,26,30,34-hexatriacontanonaenyl)-, (all-E)-

Formula C₅₆H₈₀O₂

Formula Wt. 785.23

Melting Point

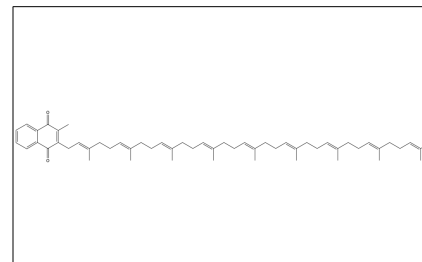
Purity ≥99%

Solubility

Store Temp -20°C

Ship Temp Ambient

Description Menaquinone-9 is a vitamin K2 homolog.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
M177531	5 mg	\$114.20
M177531	10 mg	\$174.30
M177531	25 mg	\$360.60

References Will B, Suttie J. Comparative metabolism of phyloquinone and menaquinone-9 in rat liver. J Nutr. 1992 Apr;122(4):953-958. PMID: 1552370.

Ichihashi T, Takagishi Y, Uchida K, et al. Colonic absorption of menaquinone-4 and menaquinone-9 in rats. J Nutr. 1992 Mar;122(3):506-512. PMID: 1542008.

Brito F, DeMoss J, Dubourdieu M. Isolation and identification of menaquinone-9 from purified nitrate reductase of Escherichia coli. J Bacteriol. 1995 Jul;177(13):3728-3735. PMID: 7601837.

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