

Menaquinone 7

Cat. No. COEC-093

Lot. No. (See product label)

Introduction

Description Menaquinone 7 belongs to a class of K2-vitamin homologs originally discovered as the anti-hemorrhagic factors. Menaquinone 7 has been identified as the most bioactive cofactor for the carboxylation reaction of Gla-proteins, such as osteocalcin and matrix-Gla protein, which plays a crucial role in building and maintaining overall bone health.

Applications A bioactive cofactor for the carboxylation reaction of Gla-proteins

Synonyms (all-E)-2-(3,7,11,15,19,23,27-Heptamethyl-2,6,10,14,18,22,26-octacosaeptaenyl)-3-methyl-1,4-naphthalenedione; Vitamin K2(35); Menaquinone K7

Product Information

Form	Solid
CAS No.	2124-57-4
Molecular Formula	C ₄₆ H ₆₄ O ₂
Molecular Weight	649.00
Purity	≥90%
Boiling Point	~720.1° C at 760 mmHg (Predicted)