

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-octacosahptaenyl)-3-methyl-1,4-naphthalenedione; Vitamin K2(35); Menaquinone K7

Product Information

Form

Solid

CAS No.

2124-57-4

Molecular Formula

C₄₆H₆₄O₂

Molecular Weight

649.00

Purity

≥90%

Boiling Point

~720.1° C at 760 mmHg (Predicted)