

Menaquinone-4

Catalog No: tcsc0020307



Available Sizes

Size: 100mg

Size: 250mg



Specifications

CAS No:

863-61-6

Formula:

$C_{31}H_{40}O_2$

Pathway:

Others

Target:

Others

Purity / Grade:

>98%

Solubility:

10 mM in DMSO

Alternative Names:

Vitamin K2; Menaquinone K4

Observed Molecular Weight:

444.65

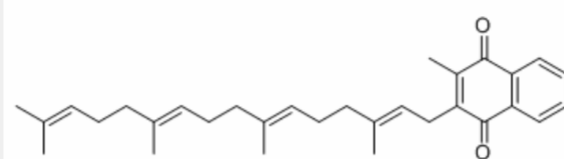
Product Description

Menaquinone-4 is a vitamin K, used as a hemostatic agent, and also a adjunctive therapy for the pain of osteoporosis.

In Vitro:

Menaquinone-4 (MK-4, 0, 1, 5, 10 μ M) increases the ALP activity in Caco-2 cells. Menaquinone-4 (1 μ M) significantly increases intensities of hSI expression^[1].

In Vivo: Menaquinone-4 (K2, 0.2 g/kg diet) in HF-K2 group produces epididymal fat in C57BL/6J mice, and also increases the bone density of mice^[2].



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!