

Menadione

Catalog No: tcsc2374



Available Sizes

Size: 500mg

Size: 1g



Specifications

CAS No:

58-27-5

Formula:

$C_{11}H_8O_2$

Pathway:

Metabolic Enzyme/Protease

Target:

Endogenous Metabolite

Purity / Grade:

>98%

Solubility:

DMSO : 50 mg/mL (290.39 mM; Need ultrasonic); H2O :

Alternative Names:

Vitamin K3

Observed Molecular Weight:

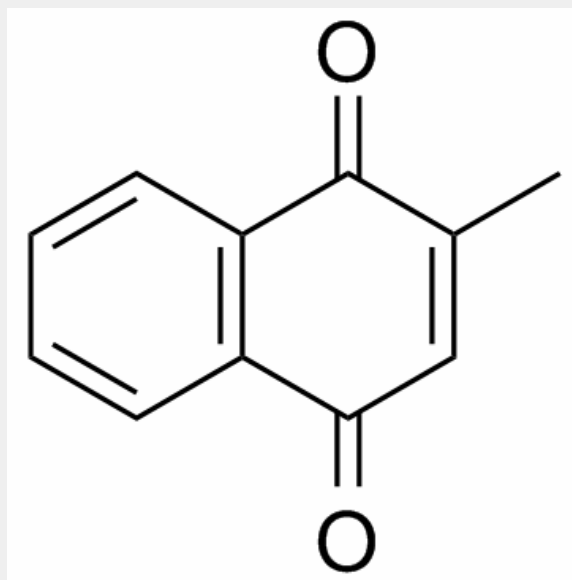
172.18

Product Description

Menadione, a synthetic naphthoquinone, can be converted to active vitamin K2 in vivo.

Target: Others

Menadione (Vitamin K3) is a synthetic analogue of 1,4-naphthoquinone with a methyl group in the 2-position. Menadione is used as a phosphatase inhibitor and an inhibitor of mitochondrial DNA polymerase γ (pol γ). Menadione can be used as an oxidative injury (free radical generator) inducing agent [1].



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