

Product Name : Menatetrenone

Synonyms : —

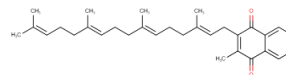
Cat No. : M10396

CAS Number : 11032-49-8

Molecular Formula : C₃₁H₄₀O₂

Formula Weight : 444.65

Chemical Name : —



Description : Menatetrenone is a menaquinone compound and form of vitamin K₂ with potential antineoplastic activity. Menatetrenone may act by modulating the signalling of certain tyrosine kinases, thereby affecting several transcription factors including c-myc and c-fos. This agent inhibits tumor cell growth by inducing apoptosis and cell cycle arrest.

Pathway : Metabolic Enzyme/Protease

Target : Vitamin

Receptor : VK₂ analog

Solubility : DMSO: 10 mM

SMILES : CC1=C(C(=O)C2=CC=CC=C2C1=O)C/C=C(\C)/CC/C=C(\C)/CC/C=C(\C)/CCC=C(C)C

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1.Ishizuka M, et al. anticancer Res. 2012 Dec;32(12):5415-20.