Creative Enzymes®

Menadione Vitamin K3

Cat. No. CEGZ-6384

Lot. No. (See product label)

Introduction

Description	A fat-soluble synthetic vitamin K3 compound, chemically identified as 2-methyl-1,4-naphthoquinone.
Applications	Used as a vitamin K3 intermediate and reference material in biochemical, nutritional, and formulation-related applications.

Product Information

Appearance	Light yellow crystalline powder.
Form	Crystalline powder
CAS No.	58-27-5
Molecular Formula	C11H8O2
Composition	2-Methyl-1,4-naphthoquinone.
Function	Vitamin K3 compound with hemostatic activity.
Melting Point	95% grade: 103-106°C. 98.5% grade: 105-107°C.
Solubility	Insoluble in water; soluble in fats, oils, and organic solvents.
Quality	95% grade: menadione >=95%; moisture <=1.0%. 98.5% grade: menadione >=98.5%; sulfate <0.1%; loss on drying <0.3%; lead <60 ppm.
Usage	Use according to the requirements of the intended formulation or research application.

Usage and Packaging

Package	25 kg net fiber drum with plastic liner, or 500 kg bulk pack.

Storage and Shipping Information

Storage	Store in a cool, dark place and protect from moisture and heat. Shelf life: 24 months. Use promptly after opening.
Shipping Conditions	Non-hazardous; may be transported as general cargo.