

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.