

vitamin-K-epoxide reductase (warfarin-insensitive)

Cat. No. EXWM-1093

Lot. No. (See product label)

Introduction

Description

Vitamin K 2,3-epoxide is reduced to 3-hydroxy- (and 2-hydroxy-) vitamin K by 1,4-dithiothreitol, which is oxidized to a disulfide. Not inhibited by warfarin [cf. EC 1.17.4.4, vitamin-K-epoxide reductase (warfarin-sensitive)].

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.17.4.5

CAS No.

97089-80-0

Reaction

3-hydroxy-2-methyl-3-phytyl-2,3-dihydro-1,4-naphthoquinone + oxidized dithiothreitol = 2,3-epoxy-2-methyl-3-phytyl-2,3-dihydro-1,4-naphthoquinone + 1,4-dithiothreitol

Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage

Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.