

7-geranyloxy-5-hydroxy-2-methoxy-3-methylnaphthalene-1,4-dione synthase

Cat. No. EXWM-2741

Lot. No. (See product label)

Introduction

Description

The enzyme is involved in furaquinocin biosynthesis in the bacterium *Streptomyces* sp. KO-3988. It catalyses the transfer of a geranyl group to 2-O,3-dimethylflaviolin to yield 7-O-geranyl-2-O,3-dimethylflaviolin and 6-linalyl-2-O,3-dimethylflaviolin (cf. EC 2.5.1.124, 6-linalyl-2-O,3-dimethylflaviolin synthase) in a 1:10 ratio.

Synonyms

Fur7

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.5.1.125

Reaction

geranyl diphosphate + 2-O,3-dimethylflaviolin = diphosphate + 7-O-geranyl-2-O,3-dimethylflaviolin

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.