Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.