Creative Enzymes®

demethylspheroidene O-methyltransferase

Cat. No. EXWM-1812

Lot. No. (See product label)

Introduction

Description	In Rhodopseudomonas capsulata and Rubrivivax gelatinosus the enzyme is involved in biosynthesis of spheroidene. In Rubrivivax gelatinosus the enzyme also catalyses the methylation of demethylspirilloxanthin to spirilloxanthin and the methylation of 3,4-didehydrorhodopin to anhydrorhodovibrin.
Synonyms	1-hydroxycarotenoid O-methylase; 1-hydroxycarotenoid methylase; 1-HO-carotenoid methylase; CrtF

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.210
Reaction	S-adenosyl-L-methionine + demethylspheroidene = S-adenosyl-L-homocysteine + spheroidene
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 ℃.