

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