

demethylspheroidene O-methyltransferase

Cat. No. EXWM-1812

Lot. No. (See product label)

Introduction

Description In Rhodospseudomonas 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.