Creative Enzymes®

tocopherol O-methyltransferase

Cat. No. EXWM-1995

Lot. No. (See product label)

Introduction

Description	The enzymes from plants and photosynthetic bacteria have similar efficiency with the γ and Δ isomers of tocopherols and tocotrienols.
Synonyms	γ-tocopherol methyltransferase; VTE4 (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.95
CAS No.	84788-82-9
Reaction	(1) S-adenosyl-L-methionine + γ-tocopherol = S-adenosyl-L-homocysteine + α-tocopherol; (2) S-adenosyl-L-methionine + Δ-tocopherol = S-adenosyl-L-homocysteine + β-tocopherol; (3) S-adenosyl-L-methionine + γ-tocotrienol = S-adenosyl-L-homocysteine + α-tocotrienol; (4) S-adenosyl-L-methionine + Δ-tocotrienol = S-adenosyl-L-homocysteine + β-tocotrienol
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 ℃.