

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