Creative Enzymes®

trans-resveratrol di-O-methyltransferase

Cat. No. EXWM-1843

Lot. No. (See product label)

Introduction

Description	The enzyme catalyses the biosynthesis of pterostilbene from resveratrol.
Synonyms	ROMT; resveratrol O-methyltransferase; pterostilbene synthase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.240
Reaction	2 S-adenosyl-L-methionine + trans-resveratrol = 2 S-adenosyl-L-homocysteine + pterostilbene (overall reaction); (1a) S-adenosyl-L-methionine + trans-resveratrol = S-adenosyl-L-homocysteine + 3-methoxy-4',5-dihydroxy-trans-stilbene; (1b) S-adenosyl-L-methionine + 3-methoxy-4',5-dihydroxy-trans-stilbene = S-adenosyl-L-homocysteine + pterostilbene
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 ℃.