Creative Enzymes®

tricetin 3',4',5'-O-trimethyltransferase

Cat. No. EXWM-1766

Lot. No. (See product label)

Introduction

Description	The enzyme from Triticum aestivum catalyses the sequential O-methylation of tricetin via 3'-O-methyltricetin, 3',5'-O-methyltricetin to 3',4',5'-O-trimethyltricetin.
Synonyms	FOMT; TaOMT1; TaCOMT1; TaOMT2

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.169
Reaction	3 S-adenosyl-L-methionine + tricetin = 3 S-adenosyl-L-homocysteine + 3',4',5'-O-trimethyltricetin (overall reaction); (1a) S-adenosyl-L-methionine + tricetin = S-adenosyl-L-homocysteine + 3'-O-methyltricetin; (1b) S-adenosyl-L-methionine + 3'-O-methyltricetin = S-adenosyl-L-homocysteine + 3',5'-O-dimethyltricetin; (1c) S-adenosyl-L-methionine + 3',5'-O-dimethyltricetin = S-adenosyl-L-homocysteine + 3',4',5'-O-trimethyltricetin
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 ℃.