Creative Enzymes®

flavonoid 3',5'-methyltransferase

Cat. No. EXWM-1872

Lot. No. (See product label)

Introduction

Description	Isolated from Vitis vinifera (grape). Most active with delphinidin 3-glucoside but also acts on cyanidin 3-glucoside, cyanidin, myricetin, quercetin and quercetin 3-glucoside. The enzyme from Catharanthus roseus was most active with myricetin.
Synonyms	AOMT; CrOMT2

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.1.1.267
Reaction	(1) S-adenosyl-L-methionine + a 3'-hydroxyflavonoid = S-adenosyl-L-homocysteine + a 3'-methoxyflavonoid; (2) S-adenosyl-L-methionine + a 5'-hydroxy-3'-methoxyflavonoid = S-adenosyl-L-homocysteine + a 3',5'-dimethoxyflavonoid
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 ℃.