

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