

# 3,7-dimethylquercetin 4'-O-methyltransferase

Cat. No. EXWM-1984

Lot. No. (See product label)

## Introduction

### Description

3,7-Dimethylquercetin can also act as acceptor. Involved with EC 2.1.1.76 quercetin 3-O-methyltransferase and EC 2.1.1.82 3-methylquercetin 7-O-methyltransferase in the methylation of quercetin to 3,7,4'-trimethylquercetin in Chrysosplenium americanum. Does not act on flavones, dihydroflavonols, or their glucosides.

### Synonyms

flavonol 4'-O-methyltransferase; flavonol 4'-methyltransferase; 4'-OMT; S-adenosyl-L-methionine:3',4',5-trihydroxy-3,7-dimethoxyflavone 4'-O-methyltransferase; 3,7-dimethylquercitin 4'-O-methyltransferase [mis-spelt]

## Product Information

### Form

Liquid or lyophilized powder

### EC Number

EC 2.1.1.83

### CAS No.

96477-60-0

### Reaction

S-adenosyl-L-methionine + 5,3',4'-trihydroxy-3,7-dimethoxyflavone = S-adenosyl-L-homocysteine + 5,3'-dihydroxy-3,7,4'-trimethoxyflavone

### 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.