

## 3-methylquercetin 7-O-methyltransferase

Cat. No. EXWM-1983

Lot. No. (See product label)

### Introduction

**Description** Involved with EC 2.1.1.76 quercetin 3-O-methyltransferase and EC 2.1.1.83 3,7-dimethylquercetin 4'-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 7-O-methyltransferase; flavonol 7-methyltransferase; 7-OMT; S-adenosyl-L-methionine:3',4',5,7-tetrahydroxy-3-methoxyflavone 7-O-methyltransferase; 3-methylquercitin 7-O-methyltransferase [misspelt]

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.1.1.82

**CAS No.** 97089-67-3

**Reaction** S-adenosyl-L-methionine + 5,7,3',4'-tetrahydroxy-3-methoxyflavone = S-adenosyl-L-homocysteine + 5,3',4'-trihydroxy-3,7-dimethoxyflavone

**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.