Creative Enzymes®

# methylquercetagetin 6-O-methyltransferase

*Cat. No. EXWM-1985*

*Lot. No.* (See product label)

## Introduction

| | |
|---|---|
| ***Description*** | The enzymes from Chrysosplenium americanum also methylates 3,7,3'-trimethylquercetagetin at the 6-position. Does not act on flavones, dihydroflavonols, or their glucosides. |
| ***Synonyms*** | flavonol 6-O-methyltransferase; flavonol 6-methyltransferase; 6-OMT; S-adenosyl-L-methionine:3',4',5,6-tetrahydroxy-3,7-dimethoxyflavone 6-O-methyltransferase |

## Product Information

| | |
|---|---|
| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 2.1.1.84 |
| ***CAS No.*** | 97089-68-4 |
| ***Reaction*** | S-adenosyl-L-methionine + 5,6,3',4'-tetrahydroxy-3,7-dimethoxyflavone = S-adenosyl-L-homocysteine + 5,3',4'-trihydroxy-3,6,7-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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃. |