

## flavonol-3-O-glucoside L-rhamnosyltransferase

Cat. No. EXWM-2383

Lot. No. (See product label)

### Introduction

#### Description

A configuration-inverting rhamnosyltransferase that converts flavonol 3-O-glucosides to 3-O-rutinosides. Also acts, more slowly, on rutin, quercetin 3-O-galactoside and flavonol 3-O-rhamnosides.

#### Synonyms

uridine diphosphorhamnose-flavonol 3-O-glucoside rhamnosyltransferase; UDP-rhamnose:flavonol 3-O-glucoside rhamnosyltransferase; UDP-L-rhamnose:flavonol-3-O-D-glucoside 6"-O-L-rhamnosyltransferase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.4.1.159

#### CAS No.

83380-89-6

#### Reaction

UDP- $\beta$ -L-rhamnose + a flavonol 3-O- $\beta$ -D-glucoside = UDP + a flavonol 3-O-[ $\alpha$ -L-rhamnosyl-(1 $\rightarrow$ 6)- $\beta$ -D-glucoside]

#### 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.