

## β-D-glucosyl crocetin β-1,6-glucosyltransferase

Cat. No. EXWM-2568

Lot. No. (See product label)

### Introduction

#### Description

The enzyme, characterized from the plant *Gardenia jasminoides*, adds a glucose to several crocetin glycosyl esters, but not to crocetin (cf. EC 2.4.1.271, crocetin glucosyltransferase).

#### Synonyms

UGT94E5; UDP-glucose:crocetin glucosyl ester glucosyltransferase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.4.1.330

#### Reaction

(1) UDP-α-D-glucose + β-D-glucosyl crocetin = UDP + β-D-gentiobiosyl crocetin; (2) UDP-α-D-glucose + bis(β-D-glucosyl) crocetin = UDP + β-D-gentiobiosyl β-D-glucosyl crocetin; (3) UDP-α-D-glucose + β-D-gentiobiosyl β-D-glucosyl crocetin = UDP + crocin

#### 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.