Creative Enzymes®

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 glucosyltransferasee

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.