cyanidin 3-O-rutinoside 5-O-glucosyltransferase

Cat. No. EXWM-2342

Lot. No. (See product label)

Introduction

Description	Isolated from the plants Silene dioica (red campion), Iris ensata (Japanese iris) and Iris hollandica (Dutch iris). Also acts on the 3-O-rutinosides of pelargonidin, delphinidin and malvidin, but not the corresponding glucosides or 6-acylglucosides. The enzyme does not catalyse the glucosylation of the 5-hydroxy group of cyanidin 3-glucoside.
Synonyms	uridine diphosphoglucose-cyanidin 3-rhamnosylglucoside 5-O-glucosyltransferase; cyanidin-3-rhamnosylglucoside 5-O-glucosyltransferase; UDP-glucose:cyanidin-3-O-D-rhamnosyl-1,6-D-glucoside 5-O-D-glucosyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.4.1.116
CAS No.	70248-66-7
Reaction	UDP-α-D-glucose + cyanidin-3-O-rutinoside = UDP + cyanidin 3-O-rutinoside 5-O-β-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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.