

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