

anthocyanidin 3-O-glucoside 2'''-O-xylosyltransferase

Cat. No. EXWM-2681

Lot. No. (See product label)

Introduction

Description

Isolated from the plants *Matthiola incana* (stock) and *Arabidopsis thaliana* (mouse-eared cress). The enzyme has similar activity with the 3-glucosides of pelargonidin, cyanidin, delphinidin, quercetin and kaempferol as well as with cyanidin 3-O-rhamnosyl-(1→6)-glucoside and cyanidin 3-O-(6-acylglucoside). There is no activity with other UDP-sugars or with cyanidin 3,5-diglucoside.

Synonyms

uridine 5'-diphosphate-xylose:anthocyanidin 3-O-glucose-xylosyltransferase;
UGT79B1

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.4.2.51

Reaction

UDP- α -D-xylose + an anthocyanidin 3-O- β -D-glucoside = UDP + an anthocyanidin 3-O- β -D-sambubioside

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.