

anthocyanidin 3-O-glucoside 5-O-glucosyltransferase

Cat. No. EXWM-2532

Lot. No. (See product label)

Introduction

Description

Isolated from the plants *Perilla frutescens* var. *crispa*, *Verbena hybrida*, *Dahlia variabilis* and *Gentiana triflora* (clustered gentian). It will also act on anthocyanidin 3-O-(6-O-malonylglucoside) and is much less active with hydroxycinnamoylglucose derivatives. There is no activity in the absence of the 3-O-glucoside group.

Synonyms

UDP-glucose:anthocyanin 5-O-glucosyltransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.4.1.298

Reaction

UDP- α -D-glucose + an anthocyanidin 3-O- β -D-glucoside = UDP + an anthocyanidin 3,5-di-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.