

chalcone 4'-O-glucosyltransferase

Cat. No. EXWM-2519

Lot. No. (See product label)

Introduction

Description

Isolated from the plant *Antirrhinum majus* (snapdragon). Involved in the biosynthesis of aurones, plant flavonoids that provide yellow color to the flowers.

Synonyms

4'CGT

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.4.1.286

Reaction

(1) UDP- α -D-glucose + 2',4,4',6'-tetrahydroxychalcone = UDP + 2',4,4',6'-tetrahydroxychalcone 4'-O- β -D-glucoside; (2) UDP- α -D-glucose + 2',3,4,4',6'-pentahydroxychalcone = UDP + 2',3,4,4',6'-pentahydroxychalcone 4'-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.