Creative Enzymes®

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