

## 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- $\alpha$ -D-glucose + 2',4,4',6'-tetrahydroxychalcone = UDP + 2',4,4',6'-tetrahydroxychalcone 4'-O- $\beta$ -D-glucoside; (2) UDP- $\alpha$ -D-glucose + 2',3,4,4',6'-pentahydroxychalcone = UDP + 2',3,4,4',6'-pentahydroxychalcone 4'-O- $\beta$ -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.