

## cyanidin 3-O-(6-O-glucosyl-2-O-xylosylgalactoside) 6'''-O-hydroxycinnamoyltransferase

Cat. No. EXWM-2159

Lot. No. (See product label)

### Introduction

#### Description

Isolated from the plant *Daucus carota* (Afghan cultivar carrot). In addition to 1-O-(4-hydroxycinnamoyl)- $\beta$ -D-glucose, the enzyme can use the 1-O-sinapoyl- and 1-O-feruloyl- derivatives of  $\beta$ -D-glucose.

#### Synonyms

1-O-(4-hydroxycinnamoyl)- $\beta$ -D-glucose:cyanidin 3-O-(2''-O-xylosyl-6''-O-glucosylgalactoside) 6'''-O-(4-hydroxycinnamoyl)transferase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 2.3.1.213

#### Reaction

1-O-(4-hydroxycinnamoyl)- $\beta$ -D-glucose + cyanidin 3-O-(6-O- $\beta$ -D-glucosyl-2-O- $\beta$ -D-xylosyl- $\beta$ -D-galactoside) =  $\beta$ -D-glucose + cyanidin 3-O-[6-O-(6-O-4-hydroxycinnamoyl- $\beta$ -D-glucosyl)-2-O- $\beta$ -D-xylosyl- $\beta$ -D-galactoside]

#### 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.