

anthocyanidin 3-O-glucoside 6''-O-acyltransferase

Cat. No. EXWM-2161

Lot. No. (See product label)

Introduction

Description

Isolated from the plants *Perilla frutescens* and *Gentiana triflora* (clustered gentian). Acts on a range of anthocyanidin 3-O-glucosides, 3,5-di-O-glucosides and cyanidin 3-rutinoside. It did not act on delphinidin 3,3',7-tri-O-glucoside. Recombinant *Perilla frutescens* enzyme could utilize caffeoyl-CoA but not malonyl-CoA as alternative acyl donor.

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.3.1.215

Reaction

4-hydroxycinnamoyl-CoA + an anthocyanidin 3-O-β-D-glucoside = CoA + an anthocyanidin 3-O-[6-O-(4-hydroxycinnamoyl)-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.