

anthocyanin 5-O-glucoside 6'''-O-malonyltransferase

Cat. No. EXWM-2113

Lot. No. (See product label)

Introduction

Description Specific for the penultimate step in salvianin biosynthesis. The enzyme also catalyses the malonylation of shisonin to malonylshisonin [cyanidin 3-O-(6''-O-p-coumaryl-β-D-glucoside)-5-(6'''-O-malonyl-β-D-glucoside)]. The compounds 4'''-demalonylsalvianin, salvianin, pelargonidin 3,5-diglucoside and delphinidin 3,5-diglucoside cannot act as substrates.

Product Information

Form Liquid or lyophilized powder

EC Number EC 2.3.1.172

CAS No. 380229-66-3

Reaction malonyl-CoA + pelargonidin 3-O-(6-caffeoyl-β-D-glucoside) 5-O-β-D-glucoside = CoA + 4'''-demalonylsalvianin

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.