

naringenin 8-dimethylallyltransferase

Cat. No. EXWM-2808

Lot. No. (See product label)

Introduction

Description

Requires Mg²⁺. This membrane-bound protein is located in the plastids. In addition to naringenin, the enzyme can prenylate several other flavanones at the C-8 position, but more slowly. Along with EC 1.14.13.103 (8-dimethylallylnaringenin 2'-hydroxylase) and EC 2.5.1.71 (leachianone G 2''-dimethylallyltransferase), this enzyme forms part of the sophoraflavanone-G-biosynthesis pathway.

Synonyms

N8DT

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.5.1.70

Reaction

dimethylallyl diphosphate + (-)-(2S)-naringenin = diphosphate + sophoraflavanone B

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.