

rosmarinate synthase

Cat. No. EXWM-2079

Lot. No. (See product label)

Introduction

Description

Involved, with EC 1.1.1.237 (hydroxyphenylpyruvate reductase) in the biosynthesis of rosmarinic acid. Characterized from the plant *Melissa officinalis* L. (lemon balm).

Synonyms

rosmarinic acid synthase; caffeoyl-coenzyme A:3,4-dihydroxyphenyllactic acid caffeoyltransferase; 4-coumaroyl-CoA:4-hydroxyphenyllactic acid 4-coumaroyl transferase; RAS (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.3.1.140

CAS No.

117590-80-4

Reaction

caffeoyl-CoA + (R)-3-(3,4-dihydroxyphenyl)lactate = CoA + rosmarinate

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.