Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.