Creative Enzymes®

trans-cinnamate 4-monooxygenase

Cat. No. EXWM-0709

Lot. No. (See product label)

Introduction

Description	NADH also acts, more slowly. Involves a heme-thiolate protein (P-450).
Synonyms	cinnamic acid 4-hydroxylase; oxygenase, cinnamate 4-mono-; CA4H cytochrome P450 cinnamate 4-hydroxylase; cinnamate 4-hydroxylase; cinnamate 4-monooxygenase; cinnamate hydroxylase; cinnamic 4-hydroxylase; cinnamic acid 4-monooxygenase; cinnamic acid p-hydroxylase; hydroxylase, cinnamate 4-; t-cinnamic acid hydroxylase; trans-cinnamate 4-hydroxylase; trans-cinnamic acid 4-hydroxylase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.14.13.11
CAS No.	9077-75-2
Reaction	trans-cinnamate + NADPH + H+ + O2 = 4-hydroxycinnamate + NADP+ + H2O
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 ℃.