

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