Creative Enzymes®

camphor 5-monooxygenase

Cat. No. EXWM-0934

Lot. No. (See product label)

Introduction

Description	A heme-thiolate protein (P-450). Also acts on (-)-camphor and 1,2-campholide, forming 5-exo-hydroxy-1,2-campholide.
Synonyms	camphor 5-exo-methylene hydroxylase; 2-bornanone 5-exo-hydroxylase; bornanone 5-exo-hydroxylase; camphor 5-exo-hydroxylase; camphor 5-exohydroxylase; camphor hydroxylase; d-camphor monooxygenase; methylene hydroxylase; methylene monooxygenase; D-camphor-exo-hydroxylase; camphor methylene hydroxylase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.14.15.1
CAS No.	9030-82-4
Reaction	(+)-camphor + reduced putidaredoxin + O2 = (+)-exo-5-hydroxycamphor + oxidized putidaredoxin + 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 ℃.