Creative Enzymes®

6-oxocamphor hydrolase

Cat. No. EXWM-4725

Lot. No. (See product label)

Introduction

Description	Isolated from Rhodococcus sp. The bornane ring system is cleaved by a retro-Claisen reaction to give the enol of α-campholonate. When separate from the enzyme the enol is tautomerised to the keto form as a 6:1 mixture of [(1S,3R)-2,2,3-trimethyl-4-oxocyclopentyl]acetate and [(1S,3S)-2,2,3-trimethyl-4-oxocyclopentyl]acetate.
Synonyms	OCH; camK (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.7.1.18
Reaction	bornane-2,6-dione + H2O = [(1S)-4-hydroxy-2,2,3-trimethylcyclopent-3-enyl]acetate
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 ℃.