

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