

acetone monooxygenase (methyl acetate-forming)

Cat. No. EXWM-0829

Lot. No. (See product label)

Introduction

Description

Contains FAD. The enzyme, characterized from the bacterium *Gordonia* sp. TY-5, is a Baeyer-Villiger type monooxygenase and participates in a propane utilization pathway.

Synonyms

acmA (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.13.226

Reaction

acetone + NADPH + H⁺ + O₂ = methyl acetate + 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.