

4-hydroxyacetophenone monooxygenase

Cat. No. EXWM-0892

Lot. No. (See product label)

Introduction

Description

Contains FAD. The enzyme from *Pseudomonas fluorescens* ACB catalyses the conversion of a wide range of acetophenone derivatives. Highest activity occurs with compounds bearing an electron-donating substituent at the para position of the aromatic ring. In the absence of substrate, the enzyme can act as an NAD(P)H oxidase (EC 1.6.3.1).

Synonyms

HAPMO

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.13.84

CAS No.

156621-13-5

Reaction

$(4\text{-hydroxyphenyl})\text{ethan-1-one} + \text{NADPH} + \text{H}^+ + \text{O}_2 = 4\text{-hydroxyphenyl acetate} + \text{NADP}^+ + \text{H}_2\text{O}$

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.