Creative Enzymes®

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-hydroxyphenyl)ethan-1-one + NADPH + H+ + O2 = 4-hydroxyphenyl 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.