

benzoyl-CoA 3-monooxygenase

Cat. No. EXWM-0865

Lot. No. (See product label)

Introduction

Description The enzyme from the denitrifying bacterium *Pseudomonas* KB740 catalyses a flavin-requiring reaction (FAD or FMN). Benzoate is not a substrate.

Synonyms benzoyl-CoA 3-hydroxylase

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.14.13.58

CAS No. 151616-61-4

Reaction $\text{benzoyl-CoA} + \text{NADPH} + \text{H}^+ + \text{O}_2 = 3\text{-hydroxybenzoyl-CoA} + \text{NADP}^+ + \text{H}_2\text{O}$

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.