

3-hydroxybenzoate 6-monooxygenase

Cat. No. EXWM-0832

Lot. No. (See product label)

Introduction

Description

A flavoprotein (FAD). Acts also on a number of analogues of 3-hydroxybenzoate substituted in the 2, 4, 5 and 6 positions; NADPH can act instead of NADH, but more slowly.

Synonyms

3-hydroxybenzoate 6-hydroxylase; m-hydroxybenzoate 6-hydroxylase; 3-hydroxybenzoic acid-6-hydroxylase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.13.24

CAS No.

51570-26-4

Reaction

3-hydroxybenzoate + NADH + H⁺ + O₂ = 2,5-dihydroxybenzoate + NAD⁺ + 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.