Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.