Creative Enzymes®

mandelate 4-monooxygenase

Cat. No. EXWM-0958

Lot. No. (See product label)

Introduction

Description	Requires Fe2+.
Synonyms	L-mandelate 4-hydroxylase; mandelic acid 4-hydroxylase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.14.16.6
CAS No.	39459-82-0
Reaction	(S)-2-hydroxy-2-phenylacetate + tetrahydrobiopterin + O2 = (S)-4-hydroxymandelate + dihydrobiopterin + 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 ℃.