Creative Enzymes®

(R)-mandelonitrile oxidase

Cat. No. EXWM-0422

Lot. No. (See product label)

Introduction

Description	Contains FAD. The enzyme, characterized from the millipede Chamberlinius hualienensis, is segregated from its substrate, which is contained in special sacs. The sacs are ruptured during defensive behavior, allowing the enzyme and substrate to mix in special reaction chambers leading to production of the defensive chemical benzoyl cyanide.
Synonyms	ChuaMOX (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 1.1.3.49
Reaction	(R)-mandelonitrile + O2 = benzoyl cyanide + H2O2
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 ℃.