

(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 °C for short term. For long term storage, store it at -20 °C~-80 °C.