

## hydroxymandelonitrile lyase

Cat. No. EXWM-4851

Lot. No. (See product label)

### Introduction

#### Description

Does not accept aliphatic hydroxynitriles, unlike EC 4.1.2.10 (mandelonitrile lyase), EC 4.1.2.46 [aliphatic (R)-hydroxynitrile lyase] and EC 4.1.2.47 [(S)-hydroxynitrile ketone-lyase (cyanide forming)].

#### Synonyms

hydroxynitrile lyase; oxynitrilase; Sorghum hydroxynitrile lyase; (S)-4-hydroxymandelonitrile hydroxybenzaldehyde-lyase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 4.1.2.11

#### CAS No.

9075-38-1

#### Reaction

(S)-4-hydroxymandelonitrile = cyanide + 4-hydroxybenzaldehyde

#### 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.