

## 3-aci-nitropropanoate oxidase

Cat. No. EXWM-1627

Lot. No. (See product label)

### Introduction

#### Description

A flavoprotein (FMN). The primary products of the enzymic reaction are probably the nitropropanoate free radical and superoxide. Also acts, more slowly, on 4-aci-nitrobutanoate.

#### Synonyms

propionate-3-nitronate oxidase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.7.3.5

#### CAS No.

111940-52-4

#### Reaction

3-aci-nitropropanoate + O<sub>2</sub> + H<sub>2</sub>O = 3-oxopropanoate + nitrite + H<sub>2</sub>O<sub>2</sub>

#### 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.