

## phenylalanine 2-monooxygenase

Cat. No. EXWM-0622

Lot. No. (See product label)

### Introduction

#### Description

The reaction shown above is about 80% of the reaction catalysed; the remaining 20% is: L-phenylalanine + O<sub>2</sub> + H<sub>2</sub>O = 3-phenylpyruvic acid + ammonia + H<sub>2</sub>O<sub>2</sub> a reaction similar to that of EC 1.4.3.2, L-amino-acid oxidase.

#### Synonyms

L-phenylalanine oxidase (deaminating and decarboxylating); phenylalanine (deaminating, decarboxylating)oxidase

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.13.12.9

#### CAS No.

190396-37-3

#### Reaction

L-phenylalanine + O<sub>2</sub> = 2-phenylacetamide + CO<sub>2</sub> + H<sub>2</sub>O

#### 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.