

## tryptophan 2-monooxygenase

Cat. No. EXWM-0616

Lot. No. (See product label)

### Introduction

#### Description

This enzyme belongs to the family of oxidoreductases, specifically those acting on single donors with O<sub>2</sub> as oxidant and incorporation of two atoms of oxygen into the substrate (oxygenases). The oxygen incorporated need not be derived from O with incorporation of one atom of oxygen (internal monooxygenases or internal mixed-function oxidases). The systematic name of this enzyme class is L-tryptophan:oxygen 2-oxidoreductase (decarboxylating). This enzyme participates in tryptophan metabolism.

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.13.12.3

**CAS No.** 37256-65-8

**Reaction** L-tryptophan + O<sub>2</sub> = (indol-3-yl)acetamide + 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.