

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 O₂ 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 + O₂ = (indol-3-yl)acetamide + CO₂ + H₂O

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.