

anthranilate 3-monooxygenase (deaminating)

Cat. No. EXWM-0842

Lot. No. (See product label)

Introduction

Description

The enzyme from *Aspergillus niger* is an iron protein; that from the yeast *Trichosporon cutaneum* is a flavoprotein (FAD).

Synonyms

anthranilate hydroxylase; anthranilate 2,3-dioxygenase (deaminating); anthranilate hydroxylase (deaminating); anthranilic hydroxylase; anthranilate 2,3-hydroxylase (deaminating)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.13.35

CAS No.

37256-68-1

Reaction

anthranilate + NADPH + H⁺ + O₂ = 2,3-dihydroxybenzoate + NADP⁺ + NH₃

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.