

3-hydroxy-4-oxoquinoline 2,4-dioxygenase

Cat. No. EXWM-0565

Lot. No. (See product label)

Introduction

Description

Does not contain a metal centre or organic cofactor. Fission of two C-C bonds: 2,4-dioxygenolytic cleavage with concomitant release of carbon monoxide. The enzyme from *Pseudomonas putida* is highly specific for this substrate.

Synonyms

(1H)-3-hydroxy-4-oxoquinoline 2,4-dioxygenase; 3-hydroxy-4-oxo-1,4-dihydroquinoline 2,4-dioxygenase; 3-hydroxy-4(1H)-one, 2,4-dioxygenase; quinoline-3,4-diol 2,4-dioxygenase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.13.11.47

CAS No.

238093-32-8

Reaction

3-hydroxy-1H-quinolin-4-one + O₂ = N-formylanthranilate + CO

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.