

3-hydroxy-2-methylpyridinecarboxylate dioxygenase

Cat. No. EXWM-0693

Lot. No. (See product label)

Introduction

Description

A flavoprotein (FAD).

Synonyms

methylhydroxypyridinecarboxylate oxidase; 2-methyl-3-hydroxypyridine 5-carboxylic acid dioxygenase; methylhydroxypyridine carboxylate dioxygenase; 3-hydroxy-3-methylpyridinecarboxylate dioxygenase [incorrect]; 3-hydroxy-2-methylpyridine-5-carboxylate,NAD(P)H:oxygen oxidoreductase (decyclizing)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.12.4

CAS No.

37256-69-2

Reaction

3-hydroxy-2-methylpyridine-5-carboxylate + NAD(P)H + H⁺ + O₂ = 2-(acetamidomethylene)succinate + NAD(P)⁺

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.