

ammonia monooxygenase

Cat. No. EXWM-1050

Lot. No. (See product label)

Introduction

Description

The enzyme catalyses the first reaction in the pathway of ammonia oxidation to nitrite. It contains copper, iron and possibly zinc. The enzymes require two electrons, which are derived indirectly from the quinone pool via a membrane-bound donor.

Synonyms

AMO

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.14.99.39

Reaction

$\text{NH}_3 + \text{a reduced acceptor} + \text{O}_2 = \text{NH}_2\text{OH} + \text{an acceptor} + \text{H}_2\text{O}$

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.