

4-methylaminobutanoate oxidase (methylamine-forming)

Cat. No. EXWM-1549

Lot. No. (See product label)

Introduction

Description

The enzyme participates in the nicotine degradation pathway of the soil bacterium *Arthrobacter nicotinovorans*. Has a very weak monoamine oxidase (EC 1.4.3.4) activity with 4-aminobutanoate.

Synonyms

mao (gene name, ambiguous)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.5.3.21

Reaction

4-methylaminobutanoate + O₂ + H₂O = succinate semialdehyde + methylamine + H₂O₂

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.