

methylamine dehydrogenase (amicyanin)

Cat. No. EXWM-1488

Lot. No. (See product label)

Introduction

Description

Contains tryptophan tryptophylquinone (TTQ) cofactor. The enzyme oxidizes aliphatic monoamines and diamines, histamine and ethanolamine, but not secondary and tertiary amines, quaternary ammonium salts or aromatic amines.

Synonyms

amine dehydrogenase; primary-amine dehydrogenase; amine: (acceptor) oxidoreductase (deaminating); primary-amine:(acceptor) oxidoreductase (deaminating)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.4.9.1

Reaction

methylamine + H₂O + 2 amicyanin = formaldehyde + NH₃ + 2 reduced amicyanin

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.