

N-substituted formamide deformylase

Cat. No. EXWM-4483

Lot. No. (See product label)

Introduction

Description

Zinc is a cofactor. While N-benzylformamide is the best substrate, the enzyme from *Arthrobacter pascens* can also act on the N-substituted formamides N-butylformamide, N-allylformamide, N-[2-(cyclohex-1-enyl)ethyl]formamide and N-(1-phenylethyl)formamide, but much more slowly. Amides of other acids do not act as substrates.

Synonyms

NfdA

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.5.1.91

CAS No.

115299-95-1

Reaction

N-benzylformamide + H₂O = formate + benzylamine

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.