Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.