

N-isopropylammelide isopropylaminohydrolase

Cat. No. EXWM-4571

Lot. No. (See product label)

Introduction

Description

Requires Zn²⁺. This bacterial enzyme is involved in degradation of the herbicide atrazine. It can hydrolyse other N-substituted amino dihydroxy-s-triazine molecules, and prefers substrates with linear N-alkyl groups to those with branched alkyl groups.

Synonyms

atzC (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.5.4.42

CAS No.

203810-02-0

Reaction

N-isopropylammelide + H₂O = cyanuric acid + isopropylamine

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.