Creative Enzymes®

hydroxydechloroatrazine ethylaminohydrolase

Cat. No. EXWM-4572

Lot. No. (See product label)

Introduction

Description	Contains Zn2+. This bacterial enzyme is involved in degradation of the herbicide atrazine. The enzyme has a broad substrate range, and requires a monohydroxylated s-triazine ring with a minimum of one primary or secondary amine substituent and either a chloride or amine leaving group. It catalyses both deamination and dechlorination reactions.
Synonyms	atzB (gene name); 2,4-dihydroxy-6-(isopropylamino)-1,3,5-triazine ethylaminohydrolase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.5.4.43
Reaction	hydroxyatrazine + H2O = N-isopropylammelide + ethylamine
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 ℃.