Creative Enzymes®

2-aminomuconate deaminase

Cat. No. EXWM-4588

Lot. No. (See product label)

Introduction

Description	2-Aminomuconate is an intermediate in the bacterial biodegradation of nitrobenzene. The enzyme has been isolated from several species, including Pseudomonas pseudocaligenes JS45, Pseudomonas fluorescens KU-7, Pseudomonas sp. AP3 and Burkholderia cenocepacia J2315. The reaction is spontaneous in acid conditions.
Synonyms	amnD (gene name); nbaF (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.5.99.5
CAS No.	201098-29-5
Reaction	2-aminomuconate + H2O = (3E)-2-oxohex-3-enedioate + NH3
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 ℃.