

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