

N-acetylglucosamine deacetylase

Cat. No. EXWM-4423

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of hydrolases, those acting on carbon-nitrogen bonds other than peptide bonds, specifically in linear amides. The systematic name of this enzyme class is N-acetyl-D-glucosamine amidohydrolase. Other names in common use include acetylaminodeoxyglucose acetylhydrolase, and N-acetyl-D-glucosaminy N-deacetylase. This enzyme participates in aminosugars metabolism.

Synonyms

acetylaminodeoxyglucose acetylhydrolase; N-acetyl-D-glucosaminy N-deacetylase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.5.1.33

CAS No.

9012-32-2

Reaction

N-acetyl-D-glucosamine + H₂O = D-glucosamine + acetate

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.