

N-sulfoglucosamine sulfohydrolase

Cat. No. EXWM-3772

Lot. No. (See product label)

Introduction

Description

This enzyme belongs to the family of hydrolases, specifically those acting on sulfur-nitrogen bonds. The systematic name of this enzyme class is N-sulfo-D-glucosamine sulfohydrolase. Other names in common use include sulfoglucosamine sulfamidase, heparin sulfamidase, 2-desoxy-D-glucoside-2-sulphamate sulphohydrolase (sulphamate, and sulphohydrolase). This enzyme participates in glycosaminoglycan degradation and glycan structures - degradation.

Synonyms

sulfoglucosamine sulfamidase; heparin sulfamidase; 2-desoxy-D-glucoside-2-sulphamate sulphohydrolase (sulphamate sulphohydrolase)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.10.1.1

CAS No.

37289-41-1

Reaction

N-sulfo-D-glucosamine + H₂O = D-glucosamine + sulfate

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.