

ceramidase

Cat. No. EXWM-4413

Lot. No. (See product label)

Introduction

Description

Ceramidase (EC 3.5.1.23, acylsphingosine deacylase, glycosphingolipid ceramide deacylase) is an enzyme which cleaves fatty acids from ceramide, producing sphingosine (SPH) which in turn is phosphorylated by a sphingosine kinase to form sphingosine-1-phosphate (S1P).

Synonyms

acylsphingosine deacylase; glycosphingolipid ceramide deacylase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.5.1.23

CAS No.

37289-06-8

Reaction

a ceramide + H₂O = a carboxylate + sphingosine

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.