

mycothiol S-conjugate amidase

Cat. No. EXWM-4395

Lot. No. (See product label)

Introduction

Description The enzyme that is found in actinomycetes is involved in the detoxification of oxidizing agents and electrophilic antibiotics. The enzyme has low activity with 1-O-(2-acetamido-2-deoxy- α -D-glucopyranosyl)-1D-myo-inositol as substrate (cf. EC 3.5.1.103, N-acetyl-1-D-myo-inositol-2-amino-2-deoxy- α -D-glucopyranoside deacetylase).

Synonyms MCA

Product Information

Form Liquid or lyophilized powder

EC Number EC 3.5.1.115

Reaction a mycothiol S-conjugate + H₂O = an N-acetyl L-cysteine-S-conjugate + 1-O-(2-amino-2-deoxy- α -D-glucopyranosyl)-1D-myo-inositol

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.