

arsenate-myocthiol transferase

Cat. No. EXWM-3428

Lot. No. (See product label)

Introduction

Description

Reduction of arsenate is part of a defence mechanism of the cell against toxic arsenate. The product arseno-myocthiol is reduced by EC 1.20.4.3 (mycoredoxin) to arsenite and myocthiol-mycoredoxin disulfide. Finally, a second myocthiol recycles mycoredoxin and forms myocthione.

Synonyms

ArsC1; ArsC2; myocthiol:arsenate transferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.8.4.2

Reaction

arsenate + myocthiol = arseno-myocthiol + H₂O

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.