

arsenate-mycothiol 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-mycothiol is reduced by EC 1.20.4.3 (mycoredoxin) to arsenite and mycothiol-mycoredoxin disulfide. Finally, a second mycothiol recycles mycoredoxin and forms mycothione.

Synonyms ArsC1; ArsC2; mycothiol:arsenate transferase

Product Information

Form Liquid or lyophilized powder

EC Number EC 2.8.4.2

Reaction arsenate + mycothiol = arseno-mycothiol + 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.