Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.