Creative Enzymes®

mycothiol synthase

Cat. No. EXWM-2131

Lot. No. (See product label)

Introduction

Description	This enzyme catalyses the last step in the biosynthesis of mycothiol, the major thiol in most actinomycetes, including Mycobacterium. The enzyme is a member of a large family of GCN5-related N-acetyltransferases (GNATs). The enzyme has been purified from Mycobacterium tuberculosis H37Rv. Acetyl-CoA is the preferred CoA thioester but propionyl-CoA is also a substrate.
Synonyms	MshD

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.3.1.189
Reaction	desacetylmycothiol + acetyl-CoA = CoA + mycothiol
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 ℃.