

S-(hydroxymethyl)mycothiol dehydrogenase

Cat. No. EXWM-0217

Lot. No. (See product label)

Introduction

Description S-hydroxymethylmycothiol is believed to form spontaneously from formaldehyde

and mycothiol. This enzyme oxidizes the product of this spontaneous reaction to S-

formylmycothiol, in a reaction that is analogous to EC 1.1.1.284, S-

(hydroxymethyl)glutathione dehydrogenase.

Synonyms NAD/factor-dependent formaldehyde dehydrogenase; mycothiol-dependent

formaldehyde dehydrogenase

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.1.1.306

CAS No. 192140-85-5

Reaction S-(hydroxymethyl)mycothiol + NAD+ = S-formylmycothiol + NADH + H+

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.

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