

thiomorpholine-carboxylate dehydrogenase

Cat. No. EXWM-1507

Lot. No. (See product label)

Introduction

Description

The product is the cyclic imine of the 2-oxoacid corresponding to S-(2-aminoethyl)cysteine. In the reverse direction, a number of other cyclic unsaturated compounds can act as substrates, but more slowly.

Synonyms

ketimine reductase; ketimine-reducing enzyme

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.5.1.25

CAS No.

115232-54-7

Reaction

thiomorpholine 3-carboxylate + NAD(P)⁺ = 3,4-dehydro-thiomorpholine-3-carboxylate + NAD(P)H + 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.