Creative Enzymes®

S-ribosylhomocysteine lyase

Cat. No. EXWM-5323

Lot. No. (See product label)

Introduction

Description	Contains Fe2+. The 4,5-dihydroxypentan-2,3-dione formed spontaneously cyclizes and combines with borate to form an autoinducer (AI-2) in the bacterial quorum-sensing mechanism, which is used by many bacteria to control gene expression in response to cell density.
Synonyms	S-ribosylhomocysteinase; LuxS

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 4.4.1.21
CAS No.	37288-63-4
Reaction	S-(5-deoxy-D-ribos-5-yl)-L-homocysteine = L-homocysteine + (4S)-4,5-dihydroxypentan-2,3-dione
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 ℃.