

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