

3-[(4R)-4-hydroxycyclohexa-1,5-dien-1-yl]-2-oxopropanoate isomerase

Cat. No. EXWM-5497

Lot. No. (See product label)

Introduction

Description The enzyme, characterized from the bacterium *Bacillus subtilis*, is involved in the biosynthesis of the nonribosomally synthesized dipeptide antibiotic bacilysin, composed of L-alanine and L-anticapsin. The enzyme can interconvert the (E) isomer formed in the reaction into the (Z) isomer, although this isomerization is not part of the pathway leading to bacilysin.

Synonyms BacB

Product Information

Form Liquid or lyophilized powder

EC Number EC 5.3.3.19

Reaction 3-[(4R)-4-hydroxycyclohexa-1,5-dien-1-yl]-2-oxopropanoate = 3-[(1E,4R)-4-hydroxycyclohex-2-en-1-ylidene]-2-oxopropanoate

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.