

O-ureido-D-serine cyclo-ligase

Cat. No. EXWM-5777

Lot. No. (See product label)

Introduction

Description

The enzyme participates in the biosynthetic pathway of D-cycloserine, an antibiotic substance produced by several Streptomyces species.

Synonyms

dcsG (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 6.3.3.5

Reaction

O-ureido-D-serine + ATP + H₂O = D-cycloserine + CO₂ + NH₃ + ADP + phosphate

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.