

L-lysine cyclodeaminase

Cat. No. EXWM-5287

Lot. No. (See product label)

Introduction

Description

Requires bound NAD⁺. The enzyme produces the non-proteinogenic amino acid L-pipecolate, which is incorporated into multiple secondary metabolite products, including rapamycin, tobulysin, virginiamycin and pristinamycin.

Synonyms

rapL (gene name); fkbL (gene name); tubZ (gene name); visC (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 4.3.1.28

Reaction

L-lysine = L-pipecolate + NH₃

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.