

3-ketovalidoxylamine C-N-lyase

Cat. No. EXWM-5302

Lot. No. (See product label)

Introduction

Description

Requires Ca²⁺. Eliminates 4-nitroaniline from 4-nitrophenyl-3-ketovalidamine, or 4-nitrophenol from 4-nitrophenyl- α -D-3-dehydroglucoside. Involved in the degradation of the fungicide validamycin A by *Flavobacterium saccharophilum*.

Synonyms

3-ketovalidoxylamine A C-N-lyase; p-nitrophenyl-3-ketovalidamine p-nitroaniline lyase; 4-nitrophenyl-3-ketovalidamine 4-nitroaniline-lyase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 4.3.3.1

CAS No.

99889-98-2

Reaction

4-nitrophenyl-3-ketovalidamine = 4-nitroaniline + 5-D-(5/6)-5-C-(hydroxymethyl)-2,6-dihydroxycyclohex-2-en-1-one

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.