

## isopenicillin-N synthase

Cat. No. EXWM-1248

Lot. No. (See product label)

### Introduction

**Description** Forms part of the penicillin biosynthesis pathway (for pathway, [click here](#)).

**Synonyms** isopenicillin N synthetase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.21.3.1

**CAS No.** 78642-31-6

**Reaction**  $\text{N-}[(5S)\text{-5-amino-5-carboxypentanoyl}]\text{-L-cysteinyl-D-valine} + \text{O}_2 = \text{isopenicillin N} + 2 \text{H}_2\text{O}$

**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.