

## indoleacetate-lysine synthetase

Cat. No. EXWM-5740

Lot. No. (See product label)

### Introduction

**Description** This enzyme belongs to the family of ligases, specifically those forming carbon-nitrogen bonds as acid-D-amino-acid ligases (peptide synthases).

**Synonyms** indoleacetate:L-lysine ligase (ADP-forming)

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 6.3.2.20

**CAS No.** 103537-15-1

**Reaction**  $\text{ATP} + (\text{indol-3-yl})\text{acetate} + \text{L-lysine} = \text{ADP} + \text{phosphate} + \text{N6-}[(\text{indol-3-yl})\text{acetyl}]\text{-L-lysine}$

**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.