Creative Enzymes®

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	ATP + (indol-3-yl)acetate + L-lysine = ADP + phosphate + N6-[(indol-3-yl)acetyl]-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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.