Creative Enzymes®

glutamate-ethylamine ligase

Cat. No. EXWM-5726

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of ligases, specifically those forming carbon-nitrogen bonds as acid-D-ammonia (or amine) ligases (amide synthases).
Synonyms	N5-ethyl-L-glutamine synthetase; theanine synthetase; N5-ethylglutamine synthetase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 6.3.1.6
CAS No.	62213-31-4
Reaction	ATP + L-glutamate + ethylamine = ADP + phosphate + N5-ethyl-L-glutamine
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 ℃.