

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 $\text{ATP} + \text{L-glutamate} + \text{ethylamine} = \text{ADP} + \text{phosphate} + \text{N5-ethyl-L-glutamine}$

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.