

tyrosine-arginine ligase

Cat. No. EXWM-5742

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 tyrosyl-arginine synthase; kyotorphin synthase; kyotorphin-synthesizing enzyme; kyotorphin synthetase

Product Information

Form Liquid or lyophilized powder

EC Number EC 6.3.2.24

CAS No. 116036-78-3

Reaction $\text{ATP} + \text{L-tyrosine} + \text{L-arginine} = \text{AMP} + \text{diphosphate} + \text{L-tyrosyl-L-arginine}$

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.