

## 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.