

tubulin-tyrosine ligase

Cat. No. EXWM-5743

Lot. No. (See product label)

Introduction

Description

L-Tyrosine is linked via a peptide bond to the C-terminus of de-tyrosinated α -tubulin (des-Tyr ω - α -tubulin). The enzyme is highly specific for α -tubulin and moderately specific for ATP and L-tyrosine. L-Phenylalanine and 3,4-dihydroxy-L-phenylalanine are transferred but with higher K_m values.

Product Information

Form Liquid or lyophilized powder

EC Number EC 6.3.2.25

CAS No. 60321-03-1

Reaction ATP + detyrosinated α -tubulin + L-tyrosine = α -tubulin + ADP + phosphate

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.