

cyclo(L-tyrosyl-L-tyrosyl) synthase

Cat. No. EXWM-2295

Lot. No. (See product label)

Introduction

Description The reaction proceeds following a ping-pong mechanism forming a covalent intermediate between an active site serine and the first L-tyrosine residue. The protein, from the bacterium *Mycobacterium tuberculosis*, also forms small amounts of cyclo(L-tyrosyl-L-phenylalanyl).

Synonyms Rv2275 (gene name); cYY synthase; cyclodityrosine synthase

Product Information

Form Liquid or lyophilized powder

EC Number EC 2.3.2.21

Reaction $2 \text{ L-tyrosyl-tRNATyr} = 2 \text{ tRNATyr} + \text{cyclo(L-tyrosyl-L-tyrosyl)}$

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.