Creative Enzymes®

peptidylprolyl isomerase

Cat. No. EXWM-5450

Lot. No. (See product label)

Introduction

Description	The first type of this enzyme found proved to be the protein cyclophilin, which binds the immunosuppressant cyclosporin A. Other distinct families of the enzyme exist, one being FK-506 binding proteins (FKBP) and another that includes parvulin from Escherichia coli. The three families are structurally unrelated and can be distinguished by being inhibited by cyclosporin A, FK-506 and 5-hydroxy-1,4-naphthoquinone, respectively.
Synonyms	PPIase; cyclophilin [misleading, see comments]; peptide bond isomerase; peptidyl-prolyl cis-trans isomerase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 5.2.1.8
CAS No.	95076-93-0
Reaction	peptidylproline (ω=180) = peptidylproline (ω=0)
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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.