

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; peptidylprolyl cis-trans isomerase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 5.2.1.8

CAS No.

95076-93-0

Reaction

peptidylproline ($\omega=180$) = peptidylproline ($\omega=0$)

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.