

phosphoribosylanthranilate isomerase

Cat. No. EXWM-5463

Lot. No. (See product label)

Introduction

Description

In some organisms, this enzyme is part of a multifunctional protein, together with one or more other components of the system for the biosynthesis of tryptophan [EC 2.4.2.18 (anthranilate phosphoribosyltransferase), EC 4.1.1.48 (indole-3-glycerol-phosphate synthase), EC 4.1.3.27 (anthranilate synthase) and EC 4.2.1.20 (tryptophan synthase)].

Synonyms

PRA isomerase; PRAI; IGPS:PRAI (indole-3-glycerol-phosphate synthetase/N-5'-phosphoribosylanthranilate isomerase complex); N-(5-phospho-β-D-ribose)anthranilate ketol-isomerase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 5.3.1.24

CAS No.

37259-82-8

Reaction

N-(5-phospho-β-D-ribose)anthranilate = 1-(2-carboxyphenylamino)-1-deoxy-D-ribulose 5-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.