

transketolase

Cat. No. EXWM-2025

Lot. No. (See product label)

Introduction

Description

A thiamine-diphosphate protein. Wide specificity for both reactants, e.g. converts hydroxypyruvate and R-CHO into CO₂ and R-CHOH-CO-CH₂OH. The enzyme from the bacterium *Alcaligenes faecalis* shows high activity with D-erythrose 4-phosphate as acceptor.

Synonyms

glycolaldehydetransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.2.1.1

CAS No.

9014-48-6

Reaction

sedoheptulose 7-phosphate + D-glyceraldehyde 3-phosphate = D-ribose 5-phosphate + D-xylulose 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.