

sedoheptulose-bisphosphatase

Cat. No. EXWM-3640

Lot. No. (See product label)

Introduction

Description

Sedoheptulose-bisphosphatase (also sedoheptulose-1,7-bisphosphatase or SBPase) (EC 3.1.3.37) is an enzyme that catalyzes the removal of a phosphate group from sedoheptulose 1,7-bisphosphate to produce sedoheptulose 7-phosphate. SBPase is an example of a phosphatase, or, more generally, a hydrolase. This enzyme participates in the Calvin cycle.

Synonyms

SBPase; sedoheptulose 1,7-diphosphate phosphatase; sedoheptulose 1,7-diphosphatase; sedoheptulose diphosphatase; sedoheptulose bisphosphatase; sedoheptulose 1,7-bisphosphatase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.1.3.37

CAS No.

9055-32-7

Reaction

sedoheptulose 1,7-bisphosphate + H₂O = sedoheptulose 7-phosphate + 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.