Creative Enzymes®

S-methyl-5-thioribose-1-phosphate isomerase

Cat. No. EXWM-5462

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of isomerases, specifically those intramolecular oxidoreductases interconverting aldoses and ketoses. This enzyme participates in methionine metabolism.
Synonyms	methylthioribose 1-phosphate isomerase; 1-PMTR isomerase; 5-methylthio-5-deoxy-D-ribose-1-phosphate ketol-isomerase; S-methyl-5-thio-5-deoxy-D-ribose-1-phosphate ketol-isomerase; S-methyl-5-thio-5-deoxy-D-ribose-1-phosphate aldose-ketose-isomerase; 1-phospho-5'-S-methylthioribose isomerase; S-methyl-5-thio-D-ribose-1-phosphate aldose-ketose-isomerase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 5.3.1.23
CAS No.	91608-95-6
Reaction	S-methyl-5-thio-α-D-ribose 1-phosphate = S-methyl-5-thio-D-ribulose 1-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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.