

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