

## Maltose phosphorylase

## Chemical Properties

CAS No. : 9030-19-7

Formula:

Molecular Weight:

Store at low temperature

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

## Biological Description

Description	Maltose phosphorylase (MP) is a dimeric enzyme that participates in starch and sucrose metabolism and catalyzes the conversion of maltose and inorganic phosphate into $\beta$ -D-glucose-1-phosphate and glucose without requiring any cofactors, such as pyridoxal phosphate.
Targets(IC50)	Endogenous Metabolite

## Reference

Gao Y, et al. Biochemical characteristics of maltose phosphorylase MalE from Bacillus sp. AHU2001 and chemoenzymatic synthesis of oligosaccharides by the enzyme. Biosci Biotechnol Biochem. 2019 Nov;83(11):2097-2109.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481