

Phosphomannose isomerase

Cat. No.: HY-E70120

CAS No.: 9023-88-5

Target: Fungal

Pathway: Anti-infection

Storage: Please store the product under the recommended conditions in the Certificate of Analysis.

Phosphomannose isomerase

BIOLOGICAL ACTIVITY

Description

Phosphomannose isomerase is the first enzyme involved in the biosynthesis pathway of GDP-Man. Phosphomannose isomerase catalyzes the conversion between fructose-6-phosphate (Fru6P) and mannose-6-phosphate (Man6P). Phosphomannose isomerase is important for cell wall synthesis and protein glycosylation. Phosphomannose isomerase is a potent antifungal target to curb the threats posed by *A. flavus*^[1].

REFERENCES

[1]. Usman S, et al. Phosphomannose Isomerase Is Involved in Development, Stress Responses, and Pathogenicity of *Aspergillus flavus*. *Microbiol Spectr*. 2022 Oct 26;10(5):e0202722.

Caution: Product has not been fully validated for medical applications. For research use only.

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