

Phosphomannose isomerase

Cat. No.:	HY-E70120	
CAS No.:	9023-88-5	
Target:	Fungal	
Pathway:	Anti-infection	Phosphomannose isomerase
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

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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