

Sucrose phosphorylase

Cat. No.:	HY-P2753
CAS No.:	9074-06-0
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Sucrose phosphorylase

BIOLOGICAL ACTIVITY

Description

Sucrose phosphorylase is a bacterial transglucosidase that catalyzes the conversion of sucrose and phosphate into α -D-glucose-1-phosphate and D-fructose. The glucosylated Sucrose phosphorylase can also be hydrolyzed into α -D-glucose, or transfer the glucoyl to the hydroxyl group of the receptor, and then decomposed into new α -D-glucoside products. The enzymatic activity of base phosphorylase to substrate and product is weak^[1].

CUSTOMER VALIDATION

- Brain Behav Immun. 2023 Feb 14;S0889-1591(23)00038-7.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Goedl C, et al. Sucrose phosphorylase: a powerful transglucosylation catalyst for synthesis of α -D-glucosides as industrial fine chemicals[J]. Biocatalysis and biotransformation, 2010, 28(1): 10-21.

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

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