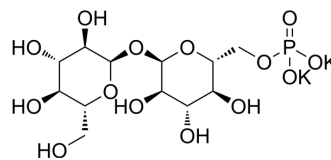


α,α -Trehalose 6-phosphate potassium

Cat. No.:	HY-131368
CAS No.:	136632-28-5
Molecular Formula:	$C_{12}H_{21}K_2O_{14}P$
Molecular Weight:	498.46
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	α,α -Trehalose 6-phosphate (Tre6P) potassium is an endogenous metabolite. α,α -Trehalose 6-phosphate is a 6-phosphate derivative of α,α' -trehalose. α,α -Trehalose 6-phosphate is rapidly converted to the pathway end product, α,α' -trehalose, through the action of Tre6P phosphatase (T6PP) ^[1] .
IC ₅₀ & Target	Human Endogenous Metabolite

REFERENCES

[1]. Liu, Chunliang, et al. An improved method for the large scale preparation of alpha,alpha'-trehalose-6-phosphate. Tetrahedron letters: The International Journal for the Rapid Publication of Preliminary Communications in Organic Chemistry, 2015, 56(23):3008-3010.

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

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