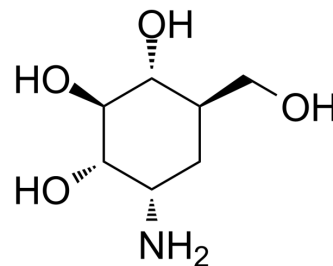


Validamine

Cat. No.:	HY-N2383
CAS No.:	32780-32-8
Molecular Formula:	C ₇ H ₁₅ NO ₄
Molecular Weight:	177.2
Target:	Glucosidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Validamine competitively inhibits β -glucosidase in a pH-dependent and dose-dependent manner, with an IC ₅₀ value of 2.92mM, and the maximum inhibitory ability is at the optimum pH value of this enzyme ^[1] .
IC ₅₀ & Target	IC50 value of 2.92mM ^[1]

REFERENCES

[1]. Takeuchi M, et al. Inhibitory effect of validamine, valienamine and valiolamine on activities of carbohydrases in rat small intestinal brush border membranes. Chem Pharm Bull (Tokyo). 1990 Jul;38(7):1970-2.

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

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