



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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α -Glucosidase

Cat. No.:	HY-P2802
CAS No.:	9001-42-7
Target:	Glucosidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month

alpha-Glucosidase

SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 10 mg/mL (Need ultrasonic)
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BIOLOGICAL ACTIVITY

Description	α -Glucosidase (α -D-Glucosidase), a carbohydrate hydrolyzing enzyme, catalyzes the liberation of α -glucose from the non-reducing end of the substrate. α -Glucosidase can facilitate the absorption of glucose by the small intestine. Inhibition of α -Glucosidase is an effective management of non-insulin-dependent diabetes mellitus (NIDDM) ^{[1][2]} .
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In Vivo	α -Glucosidase is a membrane bound enzyme present in the epithelium of the small intestine, which works to facilitate the absorption of glucose by the small intestine by catalyzing the hydrolytic cleavage of oligosaccharides into absorbable. Inhibiting α -Glucosidase slows the elevation of blood sugar following a carbohydrate meal ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.
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REFERENCES

[1]. Kumar S, et, al. α -glucosidase inhibitors from plants: A natural approach to treat diabetes. Pharmacogn Rev. 2011 Jan;5(9):19-29.

[2]. Laar FA, et, al. Alpha-glucosidase inhibitors for patients with type 2 diabetes: results from a Cochrane systematic review and meta-analysis. Diabetes Care. 2005 Jan;28(1):154-63.

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

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