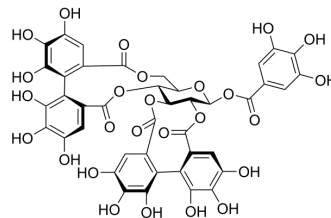


Casuarictin

Cat. No.:	HY-N7763
CAS No.:	79786-00-8
Molecular Formula:	C ₄₁ H ₂₈ O ₂₆
Molecular Weight:	936.65
Target:	Glucosidase
Pathway:	Metabolic Enzyme/Protease
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description

Casuarictin is a potent and competitive α -glucosidase inhibitor with an IC₅₀ of 0.21 μ g/mL. Casuarictin is a presenilin stabilization factor like protein (PSFL) protein inhibitor. Casuarictin can be used for Alzheimer's disease research^[1].

REFERENCES

[1]. Rupali Kumari, et al. Casuarictin: A new herbal drug molecule for Alzheimer's disease as inhibitor of presenilin stabilization factor like protein. *Heliyon*. 2020 Nov 21;6(11):e05546.

[2]. Yang Xu, et al. Identification of a novel α -glucosidase inhibitor from *Melastoma dodecandrum* Lour. fruits and its effect on regulating postprandial blood glucose. *Food Chem*. 2023 Jan 15;399:133999.

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

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