



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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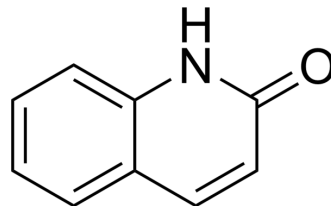
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2-Hydroxyquinoline

Cat. No.:	HY-W005598
CAS No.:	59-31-4
Molecular Formula:	C ₉ H ₇ NO
Molecular Weight:	145.16
Target:	Glucosidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	2-Hydroxyquinoline is a potent α -glucosidase inhibitor with IC ₅₀ values of 64.4, 130.5 μ g/mL for α -glucosidase and α -amylase, respectively. 2-Hydroxyquinoline has the potential for the research of diabetes ^[1] .
IC₅₀ & Target	IC ₅₀ : 64.4 μ g/mL (α -glucosidase); 130.5 μ g/mL (α -amylase) ^[1]

REFERENCES

[1]. Hwa-Won Lee, et al. 2-Hydroxyquinoline and Its Structural Analogs Show Antidiabetic Effects against α -Amylase and α -Glucosidase. Journal of Applied Biological Chemistry (2015) 58(1), 1-3.

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

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