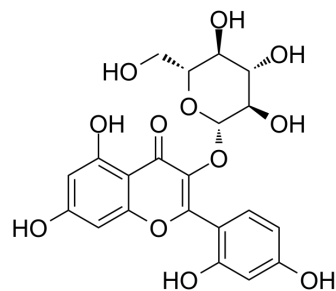


Morin 3-O- β -D-glucopyranoside

Cat. No.:	HY-N10411
CAS No.:	1169766-14-6
Molecular Formula:	C ₂₁ H ₂₀ O ₁₂
Molecular Weight:	464.38
Target:	Reverse Transcriptase; HIV; Xanthine Oxidase
Pathway:	Anti-infection; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Morin 3-O- β -D-glucopyranoside is a natural flavonoid with antifungal, anticancer and antioxidant activities. Morin 3-O- β -D-glucopyranoside inhibits reverse transcriptase, protein-tyrosine kinase and xanthine oxidase, and also shows anti-HIV, antiarteriosclerotic, and superoxide scavenging activities ^[1] .
In Vitro	Morin 3-O- β -D-glucopyranoside suppresses the cell viability of HepG2, HCT116 and HT29 cell lines to 11.20%, 22.19% and 38.11% as compared to control ^[1] . Morin 3-O- β -D-glucopyranoside shows a very significant anti-lipid peroxidation activity ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Javid Hussain, et al. Isolation and bioactivities of the flavonoids morin and morin-3-O- β -D-glucopyranoside from *Acridocarpus orientalis*-A wild Arabian medicinal plant. *Molecules*. 2014 Oct 31;19(11):17763-72.

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

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