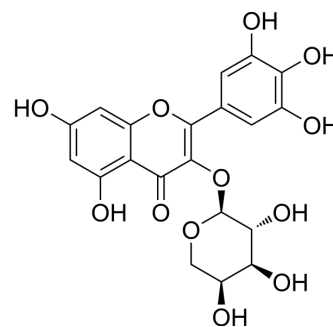


Myricetin 3-O- α -L-arabinopyranoside

Cat. No.:	HY-N11499
CAS No.:	132679-85-7
Molecular Formula:	C ₂₀ H ₁₈ O ₁₂
Molecular Weight:	450.35
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Myricetin 3-O- α -L-arabinopyranoside is a quercetin derivative and plant flavonoid with antioxidant, antibacterial and antiurease effects. Myricetin 3-O- α -L-arabinopyranoside inhibits A2E photooxidation-induced RPE cell death. Myricetin 3-O- α -L-arabinopyranoside is protective against retinal degeneration and protects against blue light (BL)-induced damage in RPE cells and mouse models^[1].

REFERENCES

[1]. Kim J , et al. Quercetin-3-O- α -l-arabinopyranoside protects against retinal cell death via blue light-induced damage in human RPE cells and Balb-c mice. Food Funct. 2018 Apr 25;9(4):2171-2183.

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

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