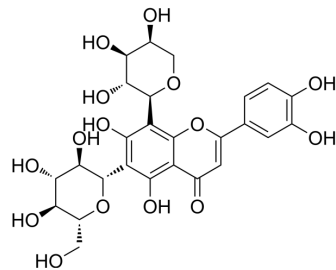


Carlinoside

Cat. No.:	HY-125129
CAS No.:	59952-97-5
Molecular Formula:	C ₂₆ H ₂₈ O ₁₅
Molecular Weight:	580.49
Target:	Keap1-Nrf2
Pathway:	NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Carlinoside is a flavone glycoside with hepatoprotective efficiency. Carlinoside reduces hepatic bilirubin accumulation by stimulating bilirubin-UGT activity through Nrf2 gene expression. Carlinoside has the potential to intervene hyperbilirubinemia due to liver dysfunction^[1].

REFERENCES

[1]. Kundu, et al. Carlinoside reduces hepatic bilirubin accumulation by stimulating bilirubin-UGT activity through Nrf2 gene expression. *Biochem Pharmacol.* 2011 Nov 1;82(9):1186-97.

[2]. Das S, et al. Impact of edaphic factors and nutrient management on the hepatoprotective efficiency of Carlinoside purified from pigeon pea leaves: An evaluation of UGT1A1 activity in hepatitis induced organelles. *Environ Res.* 2018 Feb;161:512-523.

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

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