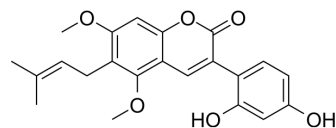


Glycyrin

Cat. No.:	HY-N3960
CAS No.:	66056-18-6
Molecular Formula:	C ₂₂ H ₂₂ O ₆
Molecular Weight:	382.41
Target:	PPAR; Bacterial
Pathway:	Cell Cycle/DNA Damage; Vitamin D Related/Nuclear Receptor; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Glycyrin is a PPAR- γ ligand of licorice. Glycyrin can decrease the blood glucose levels of genetically diabetic mice. Glycyrin also shows antibacterial activity^{[1][2][3]}.

REFERENCES

- [1]. Kuroda M, et, al. Phenolics with PPAR- γ ligand-binding activity obtained from licorice (*Glycyrrhiza uralensis* roots) and ameliorative effects of glycyrin on genetically diabetic KK-A(y) mice. *Bioorg Med Chem Lett*. 2003 Dec 15;13(24):4267-72.
- [2]. Tanaka Y, et, al. Antibacterial compounds of licorice against upper airway respiratory tract pathogens. *J Nutr Sci Vitaminol (Tokyo)*. 2001 Jun;47(3):270-3.
- [3]. Wang Q, et, al. Metabolites identification of glycyrin and glycyrol, bioactive coumarins from licorice. *J Chromatogr B Analyt Technol Biomed Life Sci*. 2015 Mar 1:983-984:39-46.

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

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