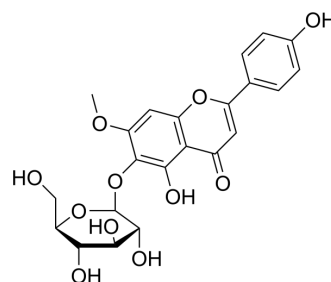


Ladanetin-6-O-β-D-glucopyranoside

Cat. No.:	HY-N10593
CAS No.:	89647-63-2
Molecular Formula:	C ₂₂ H ₂₂ O ₁₁
Molecular Weight:	462.4
Target:	Reactive Oxygen Species
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Ladanetin-6-O-β-D-glucopyranoside is an active flavonoid. Ladanetin-6-O-β-D-glucopyranoside has antioxidative effect. Ladanetin-6-O-β-D-glucopyranoside can be used for the research of cardioprotective effects ^[1] .
IC₅₀ & Target	EC ₅₀ : 113 μM (DPPH); 12.3 μM (ABTS ⁺); 4.51 mM (ferrous ions) ^[1]
In Vitro	Ladanetin-6-O-β-D-glucopyranoside (compound 1) has DPPH, ABTS ⁺ radical, ferrous ions scavenging activity with EC ₅₀ values of 113 μM, 12.3 μM and 4.51 mM, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Shu-Qi Wang, et al. Flavonoids from Dracocephalum tanguticum and their cardioprotective effects against doxorubicin-induced toxicity in H9c2 cells. *Bioorg Med Chem Lett.* 2010 Nov 15;20(22):6411-5.

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

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