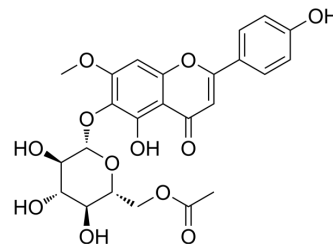


## Ladanetin-6-O-β-(6''-O-acetyl)glucoside

Cat. No.:	HY-N10595
CAS No.:	1256959-27-9
Molecular Formula:	C <sub>24</sub> H <sub>24</sub> O <sub>12</sub>
Molecular Weight:	504.44
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Ladanetin-6-O-β-(6''-O-acetyl)glucoside is a flavonoid isolated from the whole plants of <i>Dracocephalum tanguticum</i> , with antioxidant ability. Flavonoids from <i>Dracocephalum tanguticum</i> show cardioprotective effects against <a href="#">Doxorubicin</a> (HY-15142A)-induced toxicity in H9c2 cells <sup>[1]</sup> .
In Vitro	Ladanetin-6-O-β-(6''-O-acetyl)glucoside (compound 1) (0-10 mM) exhibits 1,1-diphenyl-2-picrylhydrazyl (DPPH), ABTS <sup>+</sup> radical, Ferrous ions scavenging activities with EC <sub>50</sub> s of 113 μM, 4.51 mM, 12.3 μM <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Wang SQ, 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA