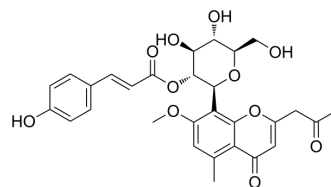


## 7-O-Methylaloeresin A

Cat. No.:	HY-N2214
CAS No.:	329361-25-3
Molecular Formula:	C <sub>29</sub> H <sub>30</sub> O <sub>11</sub>
Molecular Weight:	554.54
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

7-O-Methylaloeresin A is 5-methylchromone glycoside isolated from *Commiphora socotrana* (Burseraceae). 7-O-Methylaloeresin A exhibits good activity against multiple agent resistant *Staphylococcus aureus* (NCTC 11994) and *Salmonella typhimurium* (ATCC 1255) with MIC values of 0.72 and 0.18 mM, respectively. 7-O-Methylaloeresin A has antioxidant activities, gives IC<sub>50</sub> values of 0.026 mM and 0.021 mM for DPPH and 2-deoxyribose degradation assay, respectively.

### REFERENCES

- [1]. Blitzke T, et al. 7-O-methylaloeresin A--a new chromone glycoside from *Commiphora socotrana*. *Nat Prod Lett.* 2001;15(1):27-33.
- [2]. Asamenew G, et al. In vitro antimicrobial and antioxidant activities of anthrone and chromone from the latex of *Aloe harlana* Reynolds. *Phytother Res.* 2011 Dec;25(12):1756-60.

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

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