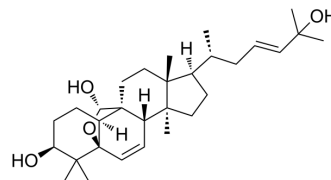


## Kuguacin R

Cat. No.:	HY-N10672
CAS No.:	191097-54-8
Molecular Formula:	C <sub>30</sub> H <sub>48</sub> O <sub>4</sub>
Molecular Weight:	472.7
Target:	Antibiotic
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Kuguacin R is a cucurbitane-type triterpenoid that can be extracted from *Momordica charantia* L. Kuguacin R possess anti-inflammatory, antimicrobial and anti-viral activities<sup>[1]</sup>.

### REFERENCES

[1]. Zhao GT, et al. Cucurbitane-type triterpenoids from the stems and leaves of *Momordica charantia*. *Fitoterapia*. 2014 Jun;95:75-82.

[2]. Tsai TH, et al. Anti-Inflammatory Effect of Charantadiol A, Isolated from Wild Bitter Melon Leaf, on Heat-Inactivated *Porphyromonas gingivalis*-Stimulated THP-1 Monocytes and a Periodontitis Mouse Model. *Molecules*. 2021 Sep 17;26(18):5651.

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

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