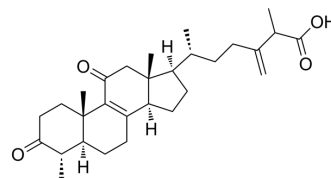


## Antcin A

Cat. No.:	HY-N9921
CAS No.:	163597-24-8
Molecular Formula:	C <sub>29</sub> H <sub>42</sub> O <sub>4</sub>
Molecular Weight:	454.64
Target:	Pyroptosis; NOD-like Receptor (NLR)
Pathway:	Apoptosis; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Antcin A is a potent NLRP3 inhibitor that inhibits the assembly and activation of the NLRP3 inflammasome. Antcin A can inhibit Kupffer cell pyroptosis and has liver protective activity. Antcin A can be used to study inflammation, such as non-alcoholic fatty liver disease <sup>[1]</sup> .
IC <sub>50</sub> & Target	NLRP3 <sup>[1]</sup> .

### REFERENCES

[1]. Ruan S, et al. Antcin A alleviates pyroptosis and inflammatory response in Kupffer cells of non-alcoholic fatty liver disease by targeting NLRP3. *Int Immunopharmacol.* 2021 Nov;100:108126.

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

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