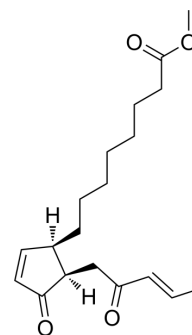


Callicarboric acid A

Cat. No.:	HY-N12482
Molecular Formula:	C ₁₉ H ₂₈ O ₄
Molecular Weight:	320.42
Target:	NOD-like Receptor (NLR)
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

NLRP3-IN-27 (compound 1) is an inhibitor of NLRP3 with an IC₅₀ value of 0.74 μM. NLRP3 reduces inflammasome-induced pyroptosis in J774A.1 cells. NLRP3-IN-27 can be isolated from *Callicarpa arborea* Roxb^[1].

REFERENCES

[1]. Muhammad Aurang Zeb, et al. Two New Prostaglandin-Like Compounds from *Callicarpa arborea* Roxb and Their NLRP3 Inflammasome Activation Inhibitory Activity. *Chem Biodivers*. 2023, 20, 12.

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

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