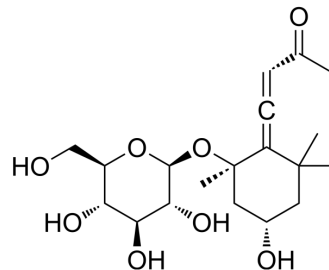


Citroside A

Cat. No.:	HY-N9046
CAS No.:	120330-44-1
Molecular Formula:	C ₁₉ H ₃₀ O ₈
Molecular Weight:	386.44
Target:	NO Synthase
Pathway:	Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Citroside A is a megastigmane sesquiterpenoid with cytotoxic and anti-inflammatory activities. Citroside A displays potential effects against NO production with an IC₅₀ of 34.25 μM. Citroside A exhibits pronounced cytotoxicity against SGC-7901 and HeLa cells with IC₅₀ values of 27.52 μM and 29.51 μM, respectively^[1].

REFERENCES

[1]. Rui Guo, et al. A new sesquiterpenoid with cytotoxic and anti-inflammatory activity from the leaves of *Datura metel* L. *Nat Prod Res.* 2021 Feb;35(4):607-613.

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

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