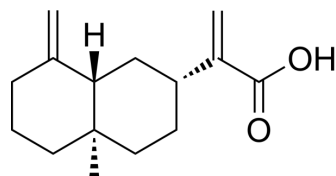


Costic acid

Cat. No.:	HY-N2927
CAS No.:	3650-43-9
Molecular Formula:	C ₁₅ H ₂₂ O ₂
Molecular Weight:	234.33
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Costic acid (β -Costic acid) is a natural product, that can be isolated from *Dittrichia viscosa*. Costic acid exhibits potent in vivo acaricidal activity against the parasite. Costic acid is not toxic for human umbilical vein endothelial cells (HUVEC) at concentrations of up to 230 μ M. Costic acid can be used for the research of varroosis in honey bee colonies^[1].

REFERENCES

[1]. Sofou K, et al. Use of costic acid, a natural extract from *Dittrichia viscosa*, for the control of *Varroa destructor*, a parasite of the European honey bee. *Beilstein J Org Chem*. 2017 May 18;13:952-959.

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

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