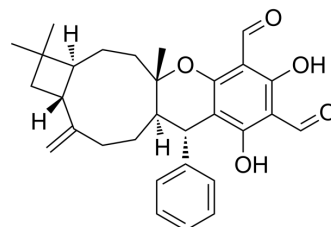


Guajadial

Cat. No.:	HY-N3981
CAS No.:	959860-49-2
Molecular Formula:	C ₃₀ H ₃₄ O ₅
Molecular Weight:	474.59
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Guajadial, a caryophyllene-based meroterpenoid, has anti-estrogenic and anticancer effect. Guajadial reverses multidrug resistance in cancer. Guajadial can be isolated from *Psidium guajava* leaves^{[1][2]}.

REFERENCES

[1]. Bazioli JM, et al. Anti-Estrogenic Activity of Guajadial Fraction, from Guava Leaves (*Psidium guajava* L.). *Molecules*. 2020 Mar 27;25(7):1525.

[2]. Li Y, et al. Guajadial reverses multidrug resistance by inhibiting ABC transporter expression and suppressing the PI3K/Akt pathway in drug-resistant breast cancer cells. *Chem Biol Interact*. 2019 May 25;305:98-104.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA