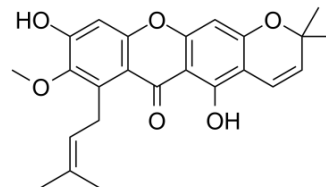


9-Hydroxycalabaxanthone

Cat. No.:	HY-N2795
CAS No.:	35349-68-9
Molecular Formula:	C ₂₄ H ₂₄ O ₆
Molecular Weight:	408.44
Target:	Parasite; Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	9-Hydroxycalabaxanthone (Xanthone I) is a known xanthone isolated from <i>Garcinia mangostana</i> Linn. 9-Hydroxycalabaxanthone has quorum-sensing inhibitory, anti-microbial, and anti-malarial activities (IC ₅₀ =1.2-1.5 μM) [1].
In Vitro	9-Hydroxycalabaxanthone inhibits the activities of 3D7 and K1 <i>P. falciparum</i> clones with IC ₅₀ values of 1.5 μM and 1.2 μM, respectively[1].

REFERENCES

- [1]. Gamal A Mohamed, et al. Mangostanaxanthones I and II, New Xanthones From the Pericarp of *Garcinia Mangostana*. *Fitoterapia*. 2014 Oct;98:215-21.
- [2]. Wanna Chaijaroenkul, et al. The in Vitro Antimalarial Interaction of 9-hydroxycalabaxanthone and α-mangostin With mefloquine/artesunate. *Acta Parasitol*. 2014 Mar;60(1):105-11.

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