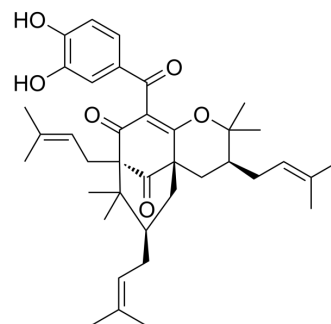


Isogarcinol

Cat. No.:	HY-127087
CAS No.:	71117-97-0
Molecular Formula:	C ₃₈ H ₅₀ O ₆
Molecular Weight:	602.8
Target:	Cholinesterase (ChE); Parasite
Pathway:	Neuronal Signaling; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Isogarcinol (Cambogin) is a potent AChE and BChE inhibitor, with IC ₅₀ values of 1.13 and 8.30 μM, respectively. Isogarcinol also shows leishmanicidal activity, with an IC ₅₀ of 0.33 μM against <i>L. donovani</i> ^[1] .		
IC₅₀ & Target	AChE 1.13 ± 0.0 μM (IC ₅₀)	BChE 8.30 ± 0.0 μM (IC ₅₀)	Leishmania 0.33 μM (IC ₅₀)

REFERENCES

[1]. Lenta BN, et al. Leishmanicidal and cholinesterase inhibiting activities of phenolic compounds from *Allanblackia monticola* and *Symphonia globulifera*. *Molecules*. 2007 Jul 20;12(8):1548-57.

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