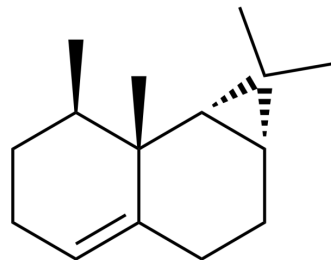


Calarene

Cat. No.:	HY-114373
CAS No.:	17334-55-3
Molecular Formula:	C ₁₅ H ₂₄
Molecular Weight:	204.35
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Calarene is an insecticide that can be obtained from the stem of *Kadsura heteroclita*. Calarene is toxic to *Meloidogyne incognita*, *Sitophilus zeamais*, and mosquitoes. Calarene can be used in the research of plant pests and mosquito control^[1] [2].

REFERENCES

[1]. Govindarajan M, et al. δ -Cadinene, Calarene and δ -4-Carene from *Kadsura heteroclita* Essential Oil as Novel Larvicides Against Malaria, Dengue and Filariasis Mosquitoes.

[2]. Li H Q, et al. Chemical composition and toxicities of the essential oil derived from *Kadsura heteroclita* stems against *Sitophilus zeamais* and *Meloidogyne incognita*. *Res J Medicinal Plant*. 2011 Sep;5(19):4943-4948.

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