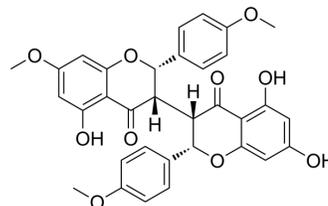


Chamaejasmenin C

Cat. No.:	HY-123897
CAS No.:	89595-70-0
Molecular Formula:	C ₃₃ H ₂₈ O ₁₀
Molecular Weight:	584.57
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Chamaejasmenin C, a biflavanone, shows nematicidal activity against second-stage juveniles (J2s) of <i>B. xylophilus</i> and <i>B. mucronatus</i> ^{[1][2]} .
In Vitro	Chamaejasmenin C (100 μM; 72 h) demonstrates prominent nematicidal activity against <i>B. xylophilus</i> with a LC ₅₀ value of 2.7 μM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Haiyan Cui, et al. Nematicidal metabolites from roots of *Stellera chamaejasme* against *Bursaphelenchus xylophilus* and *Bursaphelenchus mucronatus*. *Pest Manag Sci.* 2014 May;70(5):827-35.
- [2]. Guohong Yang, et al. Antimitotic and antifungal C-3/C-3''-biflavanones from *Stellera chamaejasme*. *Chem Pharm Bull (Tokyo)*. 2005 Jul;53(7):776-9.

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