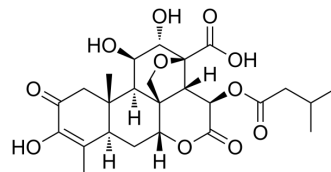


## Bruceine J

Cat. No.:	HY-N10899
CAS No.:	948038-38-8
Molecular Formula:	C <sub>25</sub> H <sub>32</sub> O <sub>11</sub>
Molecular Weight:	508.51
Target:	Parasite
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Bruceine J, a quassinoid, is a nature product that could be isolated from fruits of <i>Br. jaVanica</i> . Bruceine J has anti-Babesial activity <sup>[1]</sup> .
In Vitro	Bruceine J (compound 2) has antibabesial activity with an IC <sub>50</sub> value of 742 ng/mL for <i>babesia gibsoni</i> <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Subeki, et, al. Screening of Indonesian medicinal plant extracts for antibabesial activity and isolation of new quassinoids from *Brucea javanica*. *J Nat Prod.* 2007 Oct;70(10):1654-7.

**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