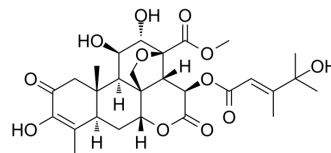


## Bruceine C

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-N10900   |
| CAS No.:           | 25514-30-1  |
| Molecular Formula: | C <sub>28</sub> H <sub>36</sub> O <sub>12</sub>   |
| Molecular Weight:  | 564.58  |
| Target:            | Parasite  |
| Pathway:           | Anti-infection  |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

|             |   |
|-------------|---|
| Description | Bruceine C, a quassinoid, is a nature product that could be isolated from fruits of <i>Br. javanica</i> . Bruceine C has anti-Babesial activity <sup>[1]</sup> .  |
| In Vitro    | Bruceine C (compound 6) has antibabesial activity with an IC <sub>50</sub> value of 107 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.**

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