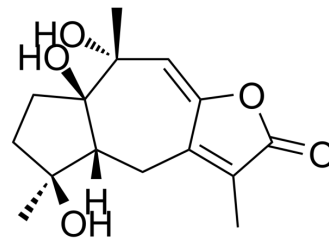


Zedoalactone B

| | |
|--------------------|---|
| Cat. No.: | HY-N10381 |
| CAS No.: | 170384-81-3 |
| Molecular Formula: | C ₁₅ H ₂₀ O ₅ |
| Molecular Weight: | 280.32 |
| Target: | Parasite |
| Pathway: | Anti-infection |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|--------------------|---|
| Description | Zedoalactone B is an anti-Babesial agent with an IC ₅₀ of 1.6 µg/mL against Babesia gibsoni. Zedoalactone B inhibits NO production with an IC ₅₀ of 23.8 µM ^{[1][2]} . |
|--------------------|---|

REFERENCES

- [1]. Kasahara K, et al. Anti-babesial compounds from Curcuma zedoaria. *Planta Med.* 2005 May;71(5):482-4.
- [2]. Lou Y, et al. Guaiane-type sesquiterpenes from Curcuma wenyujin and their inhibitory effects on nitric oxide production. *J Asian Nat Prod Res.* 2009 Aug;11(8):737-47.

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