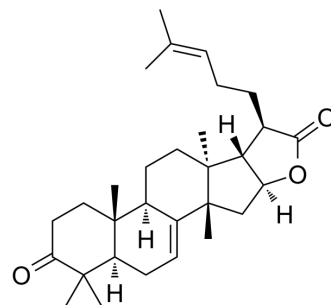


Kulactone

| | |
|--------------------|---|
| Cat. No.: | HY-N9343 |
| CAS No.: | 22611-36-5 |
| Molecular Formula: | C ₃₀ H ₄₄ O ₃ |
| Molecular Weight: | 452.67 |
| Target: | Bacterial; Fungal; Parasite |
| Pathway: | Anti-infection |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

Kulactone, a natural bioflavonoid and an inhibitor against jRdRp, possesses antifungal, antibacterial and antiplasmodial activities. Kulactone exhibit no crossing through Blood Brain Barrier (BBB)^{[1][2]}.

REFERENCES

[1]. Rahab W Kamau, et al. Antimicrobial compounds from root, stem bark and seeds of *Melia volkensii*. *Nat Prod Res.* 2016 Sep;30(17):1984-7.

[2]. Vivek Dhar Dwivedi, et al. Mechanistic insights into the Japanese Encephalitis Virus RNA dependent RNA polymerase protein inhibition by bioflavonoids from *Azadirachta indica*. *bioRxiv*, 2021.

Caution: Product has not been fully validated for medical applications. For research use only.

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