

Preliminary Evaluation Of Antivenom Effect Of Terpenoid Isolated From The  
*Baccharis uncinella* DC. Extract.

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The *Baccharis* genus has been characterized as important folk medicine plant used to heal common infections and against inflammation and in some parts of Brazil it believed to have antsnake properties. In this work we tested the isolated terpenoid fraction from the *Baccharis uncinella*, named as BUD-5, against the pharmacological effects induced by sPLA2 from the *Crotalus durissus terrificus* venom. BUD-5 showed to be able to reduced the enzymatic power of sPLA2 in around 60% and clearly increase the retention time of sPLA2 after incubation with BUD-5. Both results suggest that BUD-5 clearly change the structure sPLA2. In addition BUD-5 decreases the time recovery of edema and clearly decrease the myonecrosis induced by this sPLA2. Medicinal plants constitute rich source of natural toxin's inhibitors, however only a few species have been scientifically investigated. BUD-5 shows able to inhibit or modify the PLA2 actions.

Key word: \**Crotalus durissus terrificus*\*, Phospholipase,\**Baccharis uncinella*\*, BUD-5 and terpenoid

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