

Trypanocidal Activity of Abietane Diterpenoids from the Roots of *Craniolaria annua*

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A chloroform extract from roots of *Craniolaria annua* provided six new C-11 unsubstituted abietanes, 14-hydroxy-6,12-dione-7,9(11),13-abietatriene (**1**), 14-hydroxy-12-oxo-7,9(11),13-abietatriene (**2**), 6,12,14-trihydroxyabieta-5,8,11,13-tetraen-7-one (**3**), ar-abietatriene-12-ol-6,7-dione-14,16-oxide (**4**), ar-abietatriene-12,16-diol-14,16-oxide (**5**) and ar-abietatriene-12-ol-7-one-14,16-oxide (**6**), and two known compounds, ferruginol and stigmasterol. The structures of both the new and known compounds were established by spectroscopic methods. Abietane **1** gave 14-hydroxy-6-oxoferruginol (**1A**) upon treatment with NaBH₄. Abietanes **1**, **1A**, **3–5** and ferruginol showed cytotoxic effects against trypomastigote and epimastigote forms of *Trypanosoma cruzi* and against fibroblastic Vero cells.

Key words: Abietane Diterpenoids, *Trypanosoma cruzi*, Cytotoxicity