

Conference abstract PO-60

## Further New Diterpenoids from *Salvia miniata* Fernald (Lamiaceae)

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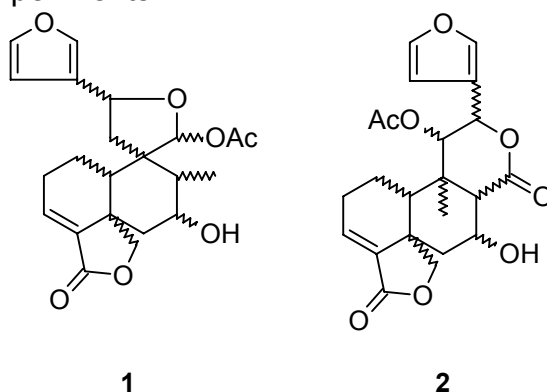
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In course of our search on *Salvia* metabolites for the identification of new herbicides with diterpene and triterpene skeletons [1, 2] we have continued the study on *Salvia miniata* Fernald [3], a Mexican species whose aerial part exudate in a preliminary test showed anti-germinative activity against *Papaver rhoeas* L. and *Avena sativa* L., chosen on the basis of evaluating the seed germination response respectively of a common invasive species and of a common crop species. From *Salvia miniata* we had already isolated some new and known di- and triterpenes [4]; here we report two new compounds, obtained from the chromatographic separation of not previously considered fractions. The surface exudate, obtained by rinsing the plant material with CH<sub>2</sub>Cl<sub>2</sub>, and subjected to repeated column chromatography on Sephadex LH-20 and silica gel and to reversed-phase semi-preparative HPLC, yielded two new clerodane diterpenoids (**1**, **2**) identified by IR and NMR analysis, including TOCSY, COSY, HSQC and HMBC experiments.



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