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Title: Acetylcholinesterase affinity-based screening assay on *Lippia gracilis* Schauer extracts

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ACETYLCHOLINESTERASE AFFINITY-BASED SCREENING ASSAY ON *LIPPIA GRACILIS* SCHAUER

EXTRACTS

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Highlights

- A bioaffinity-based assay was applied for the screening of natural product extracts.
- Aqueous extract fingerprint chromatograms of *LIPPIA GRACILIS* by LC-HRMS.
- The AChE ligands were directly identified by LC-HRMS without any further purification

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