

Two compounds from *Portulaca oleracea* L. and their biological activities

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SUMMARY. Two compounds, oleraindole D (**1**) and cynaroside (**2**), were isolated from *Portulaca oleracea* L. Their structures were elucidated using 1D NMR. Additionally, the anti-acetylcholinesterase activity and antioxidant activity were evaluated. Oleraindole D (**1**) and cynaroside (**2**) displayed anti-acetylcholinesterase activities with IC_{50} value of 60.93 μ M and 84.30 μ M, and antioxidant activities with IC_{50} value of 58.17 μ M and 32.72 μ M, respectively.

RESUMEN. Se aislaron dos compuestos de *Portulaca oleracea* L., oleraindol D (**1**) y cinarósido (**2**). Sus estructuras se dilucidaron usando 1D NMR. Además, se evaluó la actividad anti-acetilcolinesterasa y la actividad antioxidante. Oleraindol D (**1**) y cinarósido (**2**) mostraron actividad anti-acetilcolinesterasa con un valor IC_{50} de 60,93 μ M y 84,30 μ M, y actividad antioxidante con un valor IC_{50} de 58,17 μ M y 32,72 μ M, respectivamente.

KEY WORDS: *Portulaca oleracea* L., anti-acetylcholinesterase activity, antioxidant activity.

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