

A New Natural Product from *Portulaca oleracea* L. and its Anti-inflammatory Activity

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SUMMARY. A new natural product named olerapyrrole B, identified as 2-hydroxy-1H-pyrrole-1-carbaldehyde was isolated from *Portulaca oleracea* L. The structure of the compound was elucidated via UHPLC-ESI-Q-TOF/MS, 1D NMR and 2D NMR. In addition, the compound was found to show significant anti-inflammation activity.

RESUMEN. Un nuevo producto natural llamado olerapirrol B, identificado como 2-hidroxi-1H-pirrol-1-carbaldehído, fue aislado de *Portulaca oleracea* L. La estructura del compuesto fue dilucidada mediante UHPLC-ESI-Q-TOF/MS, 1D NMR y 2D RMN Además, se encontró que el compuesto mostraba una actividad antiinflamatoria significativa.

KEY WORDS: anti-inflammatory activity, new natural product, *Portulaca oleracea* L.

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