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# Synthesis of diosgenin prodrugs: anti-inflammatory and antiproliferative activity evaluation

Regular Article Published: 11 August 2020

Volume 132, article number 104, (2020) [Cite this article](#)[Save article](#)[View saved research](#)[Journal of Chemical Sciences](#)[Aims and scope](#)[Submit manuscript](#)[Leydi M Carrillo-Cocom](#), [Bethsabe B Villagómez González](#), [Rosa Santillan](#), [Delia Soto-Castro](#)[✉ Paul M Sánchez Ocampo](#), [Alejandro Zepeda](#) & [Jacqueline Capataz Tafur](#)[👁 507 Accesses](#) [📄 7 Citations](#) [Explore all metrics →](#)

## Abstract

In this work, we evaluated the antiproliferative and anti-inflammatory activities of two diosgenin prodrugs. The prodrugs were obtained by esterification of diosgenin at position 3 with 4-oxo-4-(prop-2-yn-1-yloxy)butanoic acid followed by click reaction on terminal alkyne with 3-azidopropan-1-ol *N*-alkylated dendrons, resulting in a prodrug with methyl