



Synthesis, Crystal Structures and Anti-Cervical Cancer Activity of Two Dihydropyran Derivatives

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SUMMARY. Two new dihydropyran derivatives (**1** and **2**) were synthesized and characterized via IR, ¹H NMR, HRMS, and single crystal X-ray crystallography. The two compounds could obviously inhibit the proliferation of the cervical cancer cells (HeLa and HCC94) after 24 h treatment at high concentrations (25, 50, and 100 µg/mL).
RESUMEN. Dos nuevos derivados de dihidropirano (**1** y **2**) fueron sintetizados y caracterizados a través de IR, ¹H NMR, HRMS y cristalografía de rayos-X. Los dos compuestos podrían obviamente inhibir la proliferación de las células de cáncer cervical (HeLa y HCC94) después de 24 h de tratamiento a altas concentraciones (25, 50 y 100 µg/mL).

KEY WORDS: Cervical cancer, Crystal, Dihydropyran.

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