**Article:**[**4-Hydroxycoumarins: Synthesis, Characterization and Antioxidant Activities**](https://www.researchgate.net/publication/309721504_4-Hydroxycoumarins_Synthesis_Characterization_and_Antioxidant_Activities?ev=prf_pub)

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**ABSTRACT:** 4-hydroxycoumarins were synthesized and characterized by the Fourier transformation infrared (FT-IR) and Nuclear magnetic resonance (1H-NMR) spectroscopies. The scavenging activities were evaluated by various in vitro antioxidant assays, 1, 1-diphenyl-2-picrul-hydrazil free radical (DPPH•) and hydrogen peroxide and we were using (vitamin C) as a reference. All of the synthesized compounds have shown excellent radical scavenging activities.

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