RSC Advances:

An efficient one-pot three-component reaction for the synthesis of novel functionalized pyrano[3,2-c] coumarins catalysed by Na₂CO₃ in aqueous medium

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Electronic Supplementary Information

List of Contents

General Considerations	S1
¹ H, ¹³ C NMR spectra and X-ray crystal structure.	S2-S18

General Considerations:

¹H NMR and ¹³C NMR Spectra were recorded on Bruker Avance-DPX 300MHz and 75MHz FT NMR in CDCl₃ using TMS as an internal standard. Chemical shifts were reported in ppm (δ units). [Solvent peak (DMSO-d₆) at around δ 3.36 and δ 2.50 peaks are not considered in all the spectra.]

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X-ray crystal structure (ORTEP) of compound 4a (CCDC 926605)

