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Supplementary Material

Synthesis and X-Ray Crystal Structure of Cynandione B Analogues

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1.1 GENERAL EXPERIMENTAL DETAILS

^1H and ^{13}C NMR spectra were recorded using a Varian-500 spectrometer operating at 500 MHz and 125 MHz, respectively. NMR spectra were obtained in either CDCl_3 , d_6 -acetone or d_6 -DMSO, as indicated. Infrared (IR) spectra were recorded on a Perkin-Elmer Spectrum One FT-IR spectrometer. Gas chromatography-mass spectrometry (GCMS) spectra were recorded on an Agilent 7890A GC system using a HP-5MS column (30 m, i.d. 0.25 mm, film thickness 0.25 μm) and 5975C MS system (EI, 70 eV). GC heat program : 100₅ \rightarrow 250₅, heating rate 5 $^\circ\text{C min}^{-1}$. The retention time (R_t) and selected fragment ions as their mass/charge ratio (m/z) are reported. All moisture sensitive reactions were performed under a dry nitrogen or argon atmosphere in oven-dried or flame-dried glassware. Anhydrous tetrahydrofuran (THF) was pre-dried over activated alumina under argon. Thin layer chromatography was performed on pre-coated silica plates (Merck 60GF₂₅₄) and compounds were visualised at 254 nm and 365 nm or stained with either phosphomolybdic acid or potassium permanganate solutions. Flash column chromatography was performed on silica gel (Kieselgel 60, 230-400 mesh) using the indicated solvent system.

1.2 ^1H and ^{13}C NMR SPECTRA











