Supporting information

Crystal structure, spectroscopy and photocatalytic properties of a Co(II) complex based on 5-(1,2,4-triazol-1-yl)pyridine-3-carboxylic acid

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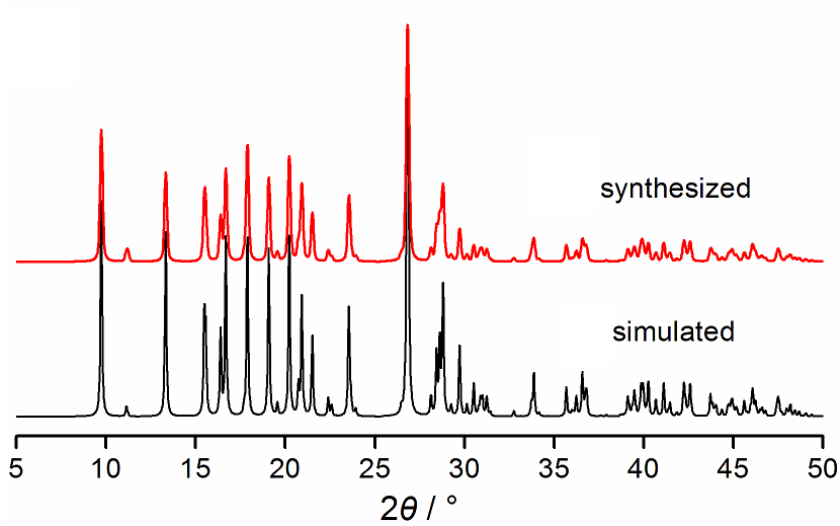


Figure S1 XRD patterns of complex **1**

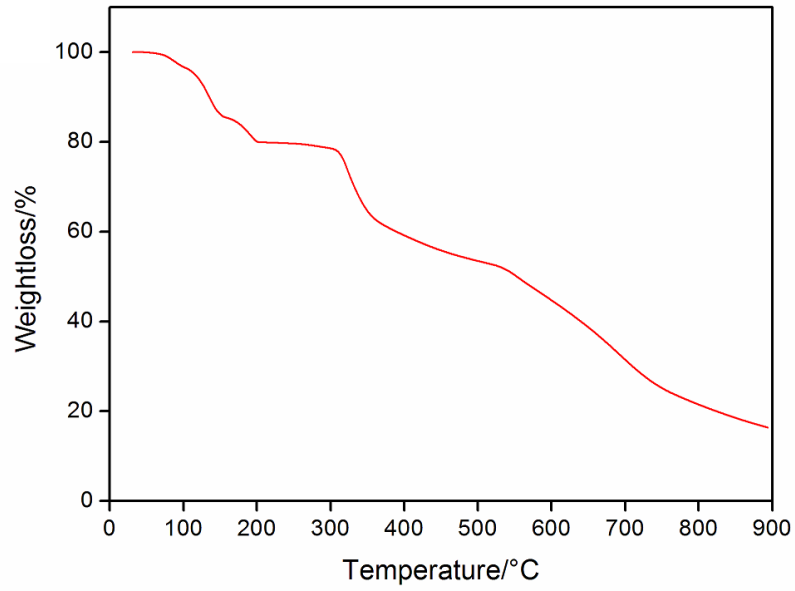


Figure S2 TGA curve of complex **1**

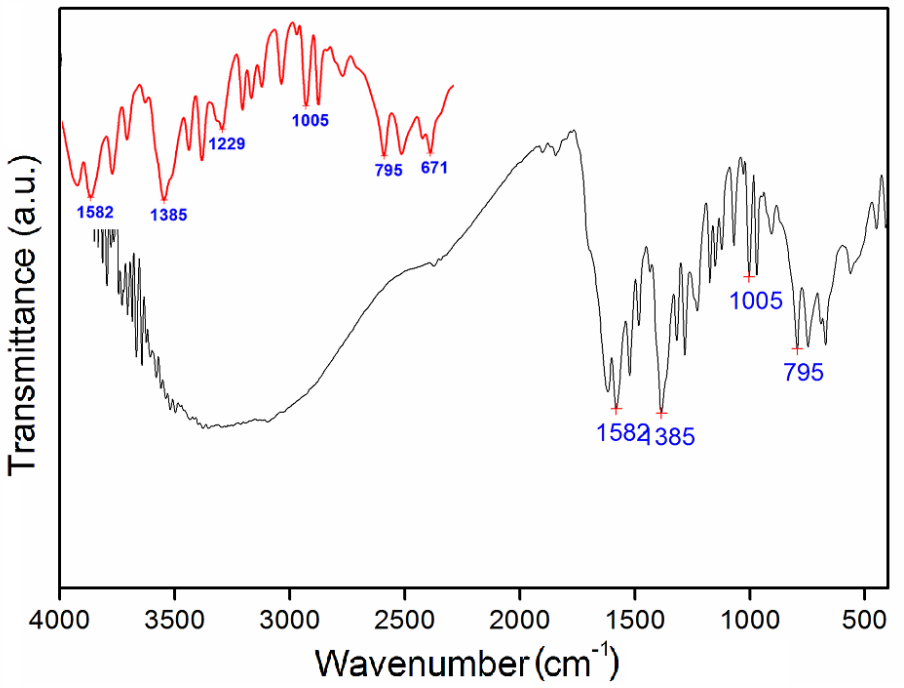


Figure S3 FT-IR spectrum of complex **1**

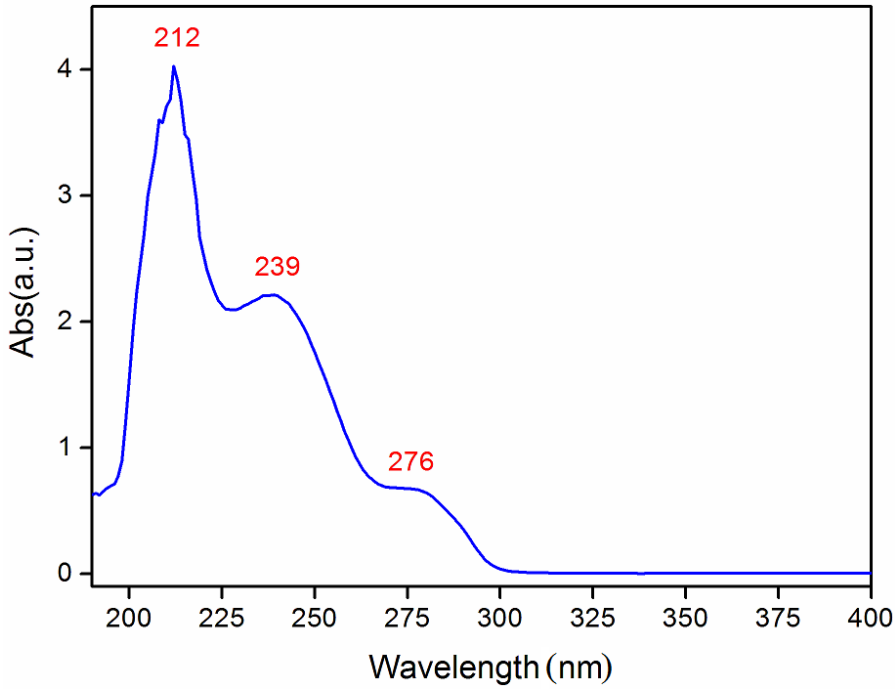


Figure S4 UV absorption spectrum of complex **1** in methanol solution at room temperature

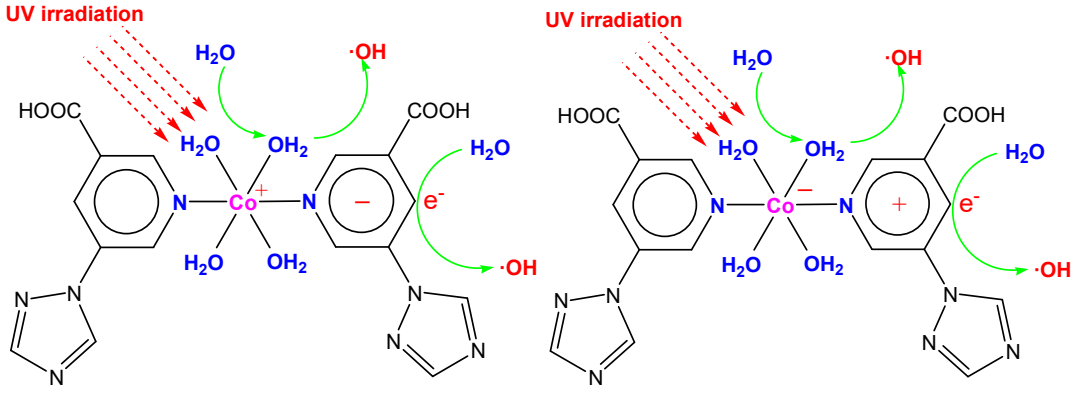


Figure S5 Possible photocatalytic mechanisms showing the two excited states of Co(II) catalyst under UV excitation