**A new Sulphur containing heterocycles having azo linkage: Synthesis, Structural Characterization and Biological Evaluation**

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**Fig. S1**: Electronic spectra of the compounds (**D1-D4**) in chloroform



**Fig. S2**: Electronic spectra of the compounds (**D1-D4**) in DMF



**Fig. S3**: Electronic spectra of the compounds (**D1-D4**) in DMSO

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**Fig. S4:** Antimycobacterial results for the dyes (**D1-D4**) and the standard drugs



**Fig. S5:** *In silico* molecular docking results of the azo dyes **(D1-D4)**