

Supporting Information

Selective Sensing of Darolutamide and Thalidomide in Pharmaceutical Preparations and in Spiked Biofluids

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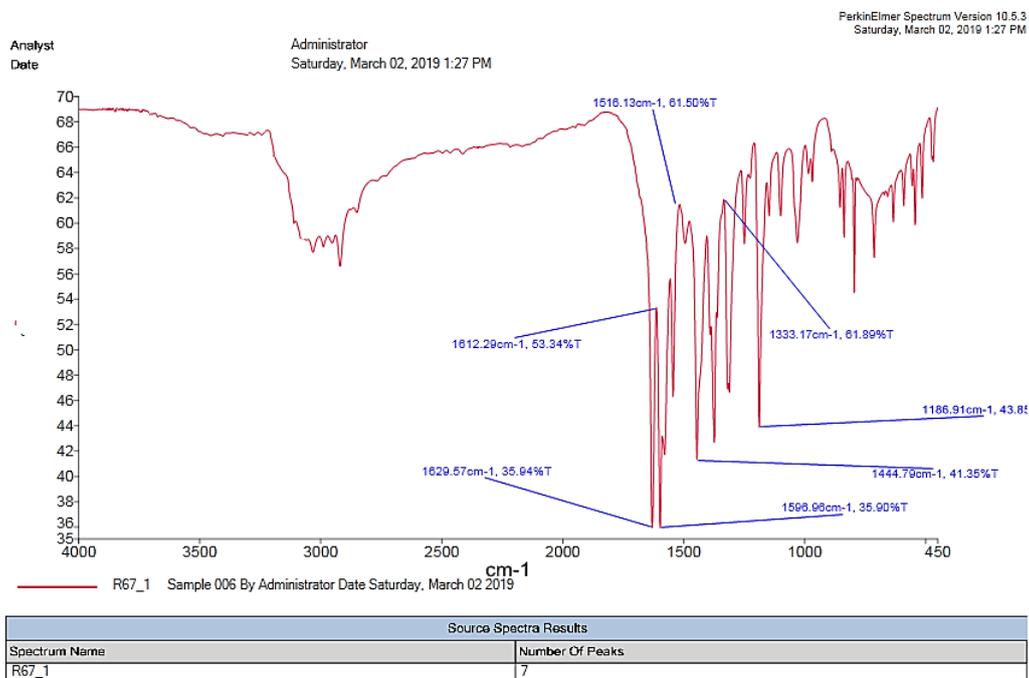


Figure S1. IR spectra of compound 2 from method A.

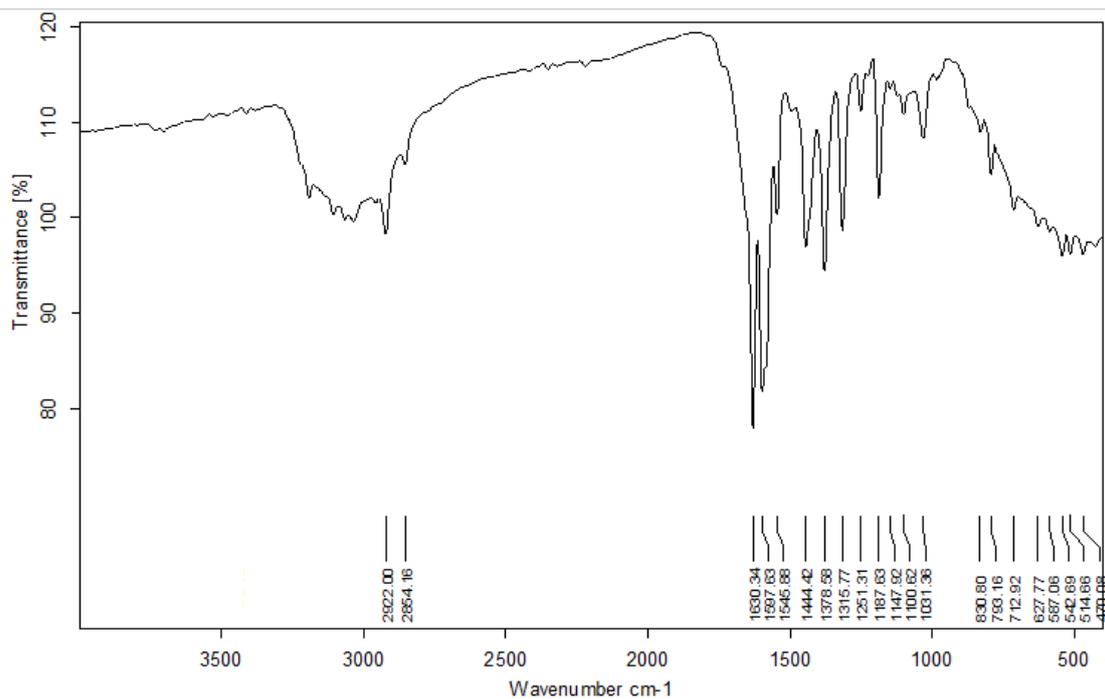


Figure S2. IR spectra of compound 2 from method B.

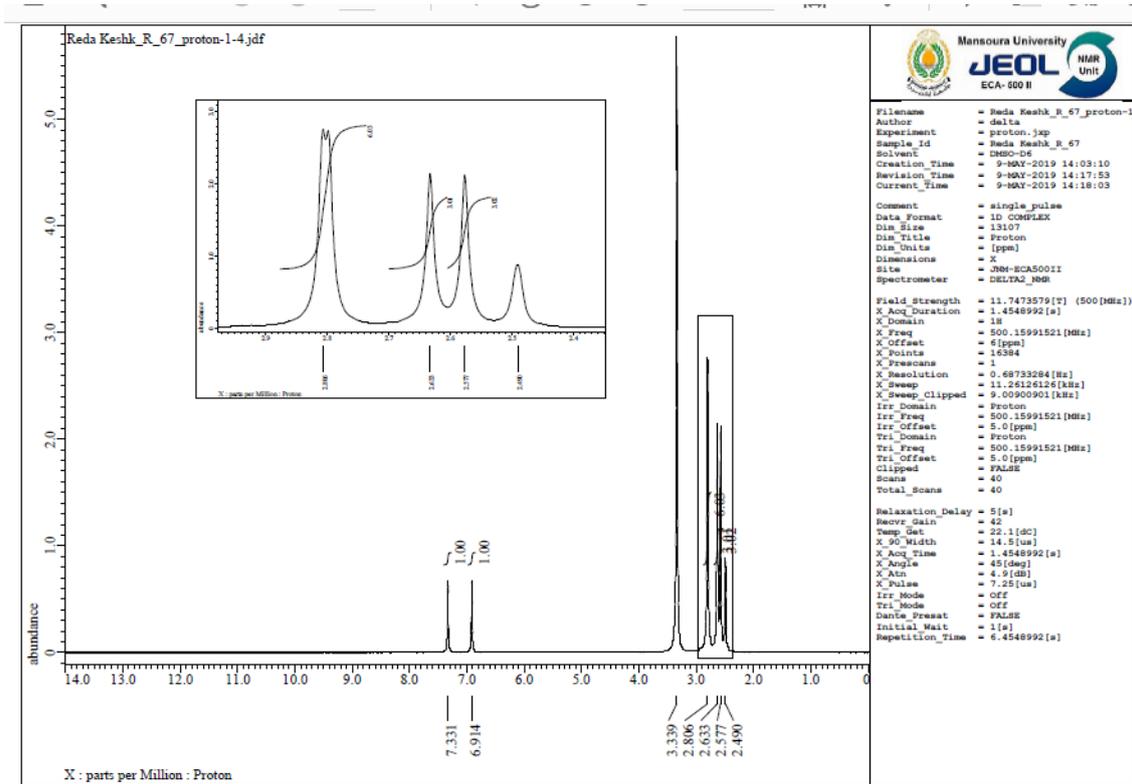


Figure S3. ¹H NMR spectra of compound 2 from method A.

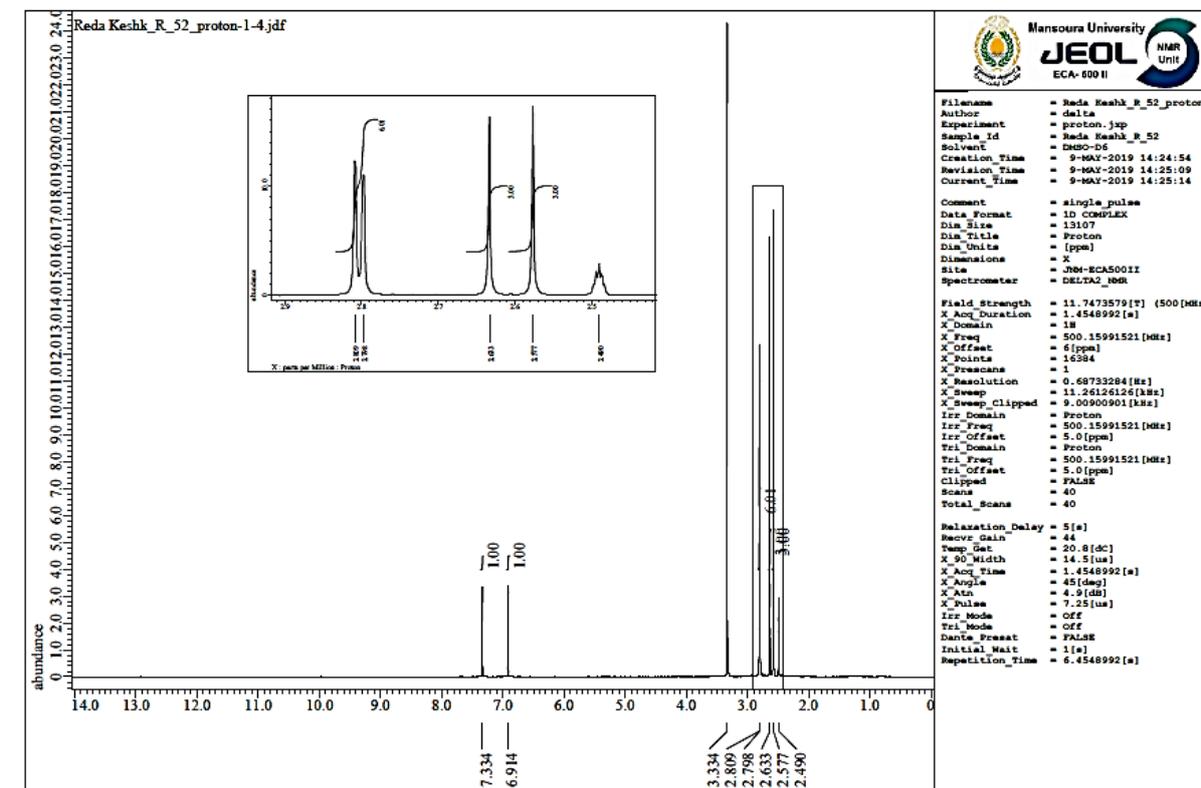


Figure S4. ^1H NMR spectra of compound 2 from method B.

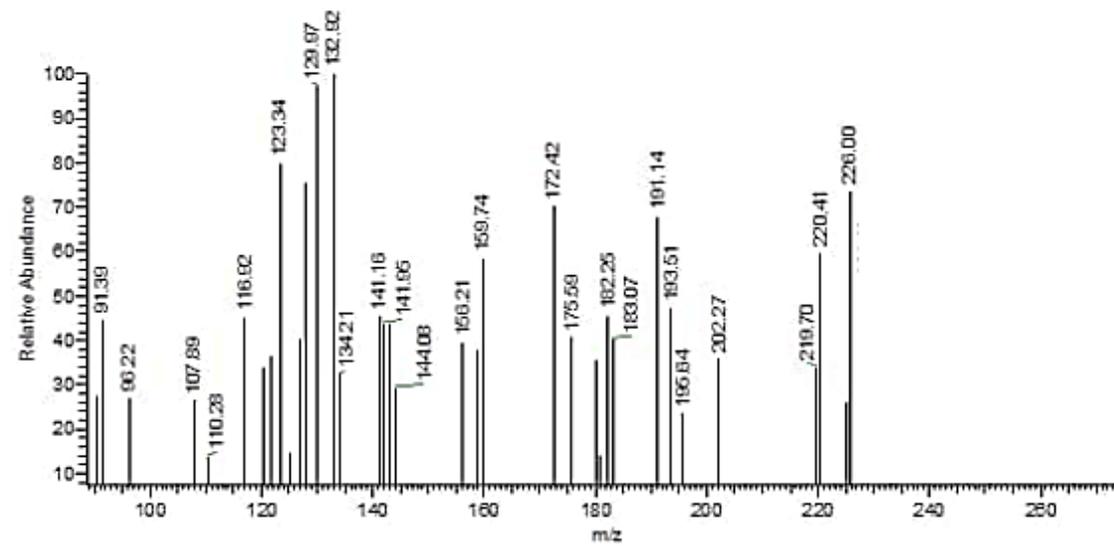


Figure S5. Mass spectrum of compound 2.

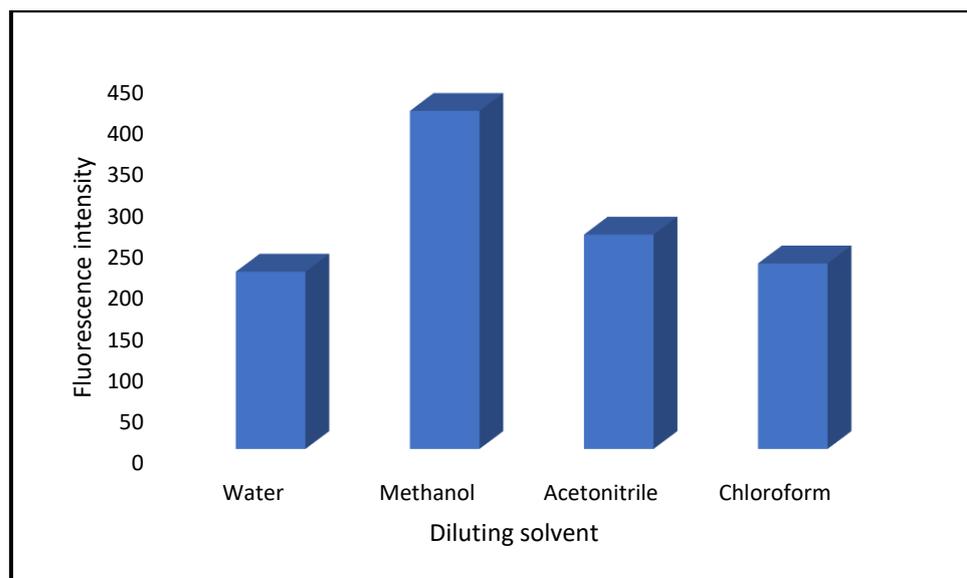


Figure S6. The effect of different diluting solvents on the fluorescence intensity of pyridopyrazolopyrimidine 2.

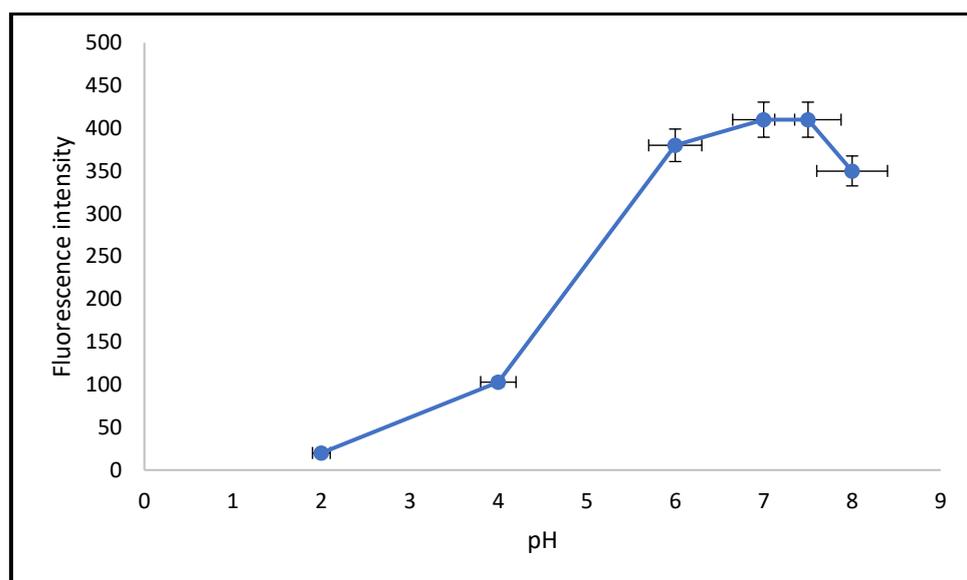


Figure S7. The effect of different pH values on the fluorescence intensity of pyridopyrazolopyrimidine 2.

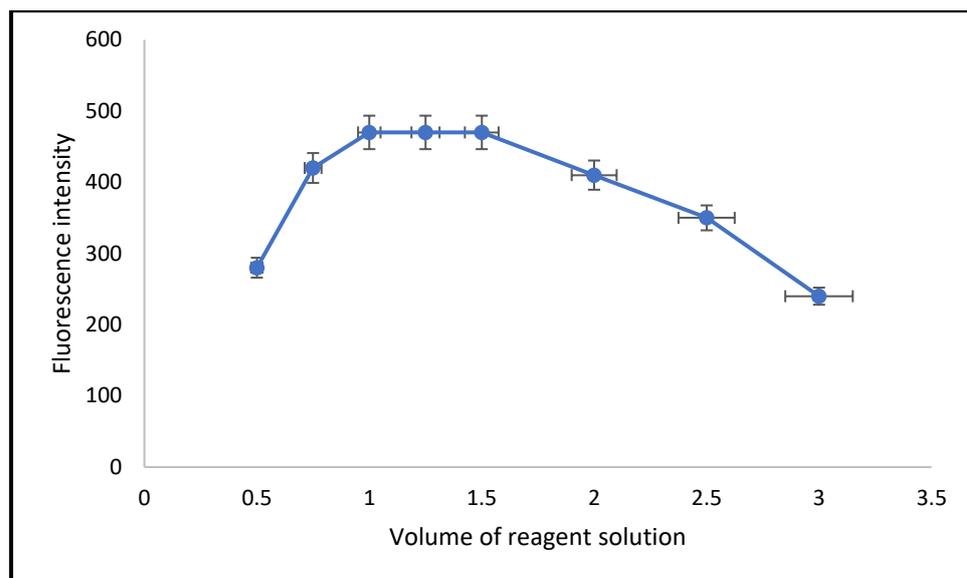


Figure S8. The effect of volume of reagent on the fluorescence intensity of pyridopyrazolopyrimidine 2.

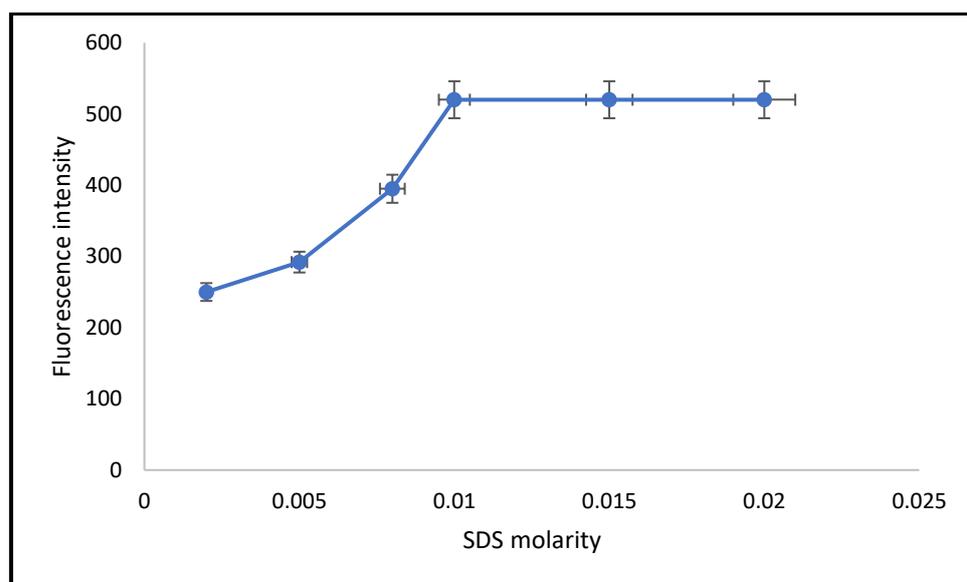


Figure S9. The effect of SDS concentration on the fluorescence intensity of pyridopyrazolopyrimidine 2.

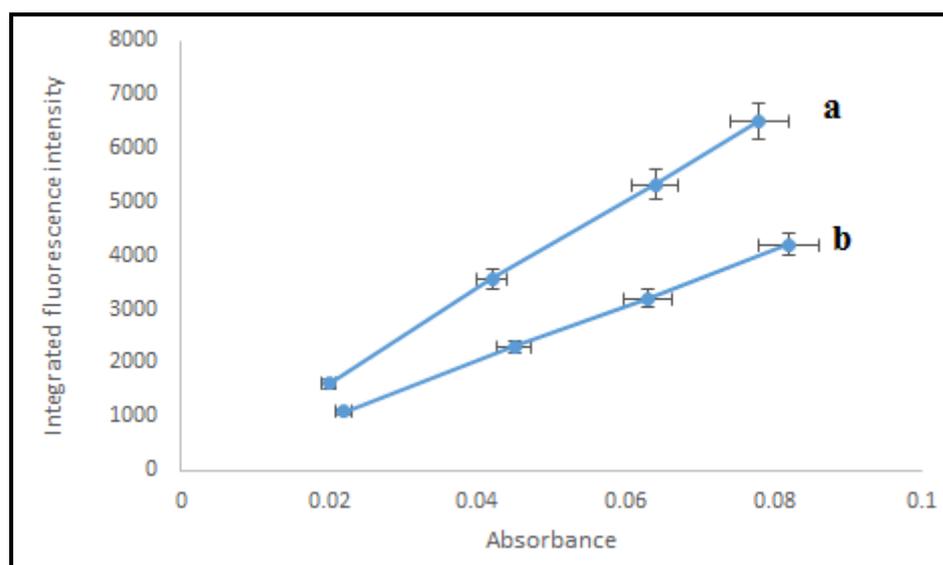


Figure S10. A plot of the integrated fluorescence intensity vs the absorbance of (a) standard quinine sulfate solution, (b) fluorophore solution.

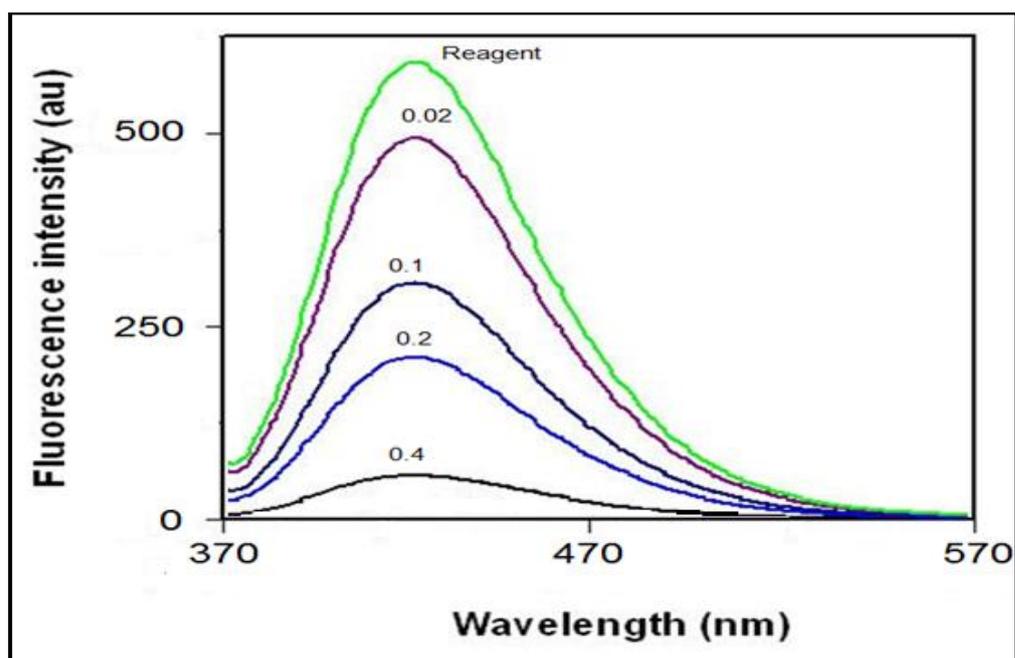


Figure S11: Titrimetric emission spectra with proper concentrations of Darolutamide.

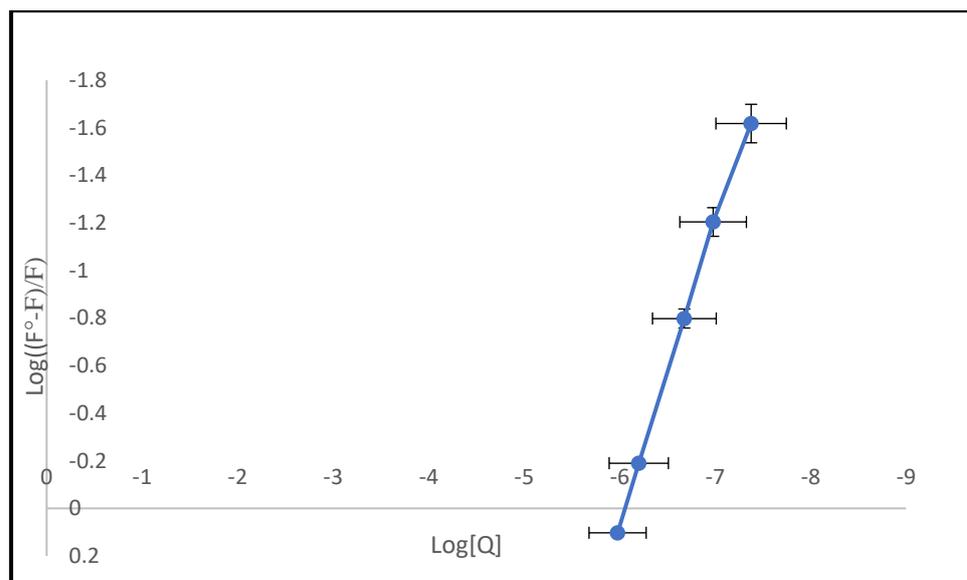


Figure S12. Modified Stern Volmer plot for darolutamide interaction with the reagent.

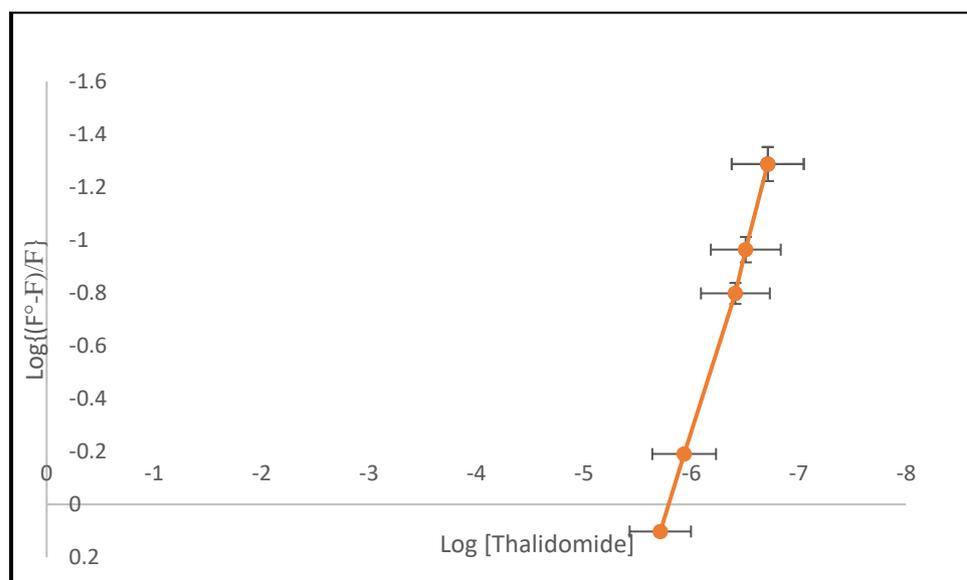


Figure S13. Modified Stern Volmer plot for thalidomide interaction with the reagent.