

Electronic Supporting Information

Rapid On-site and Naked-eye Detection of Common Nitro Pesticides with Ionic Liquid

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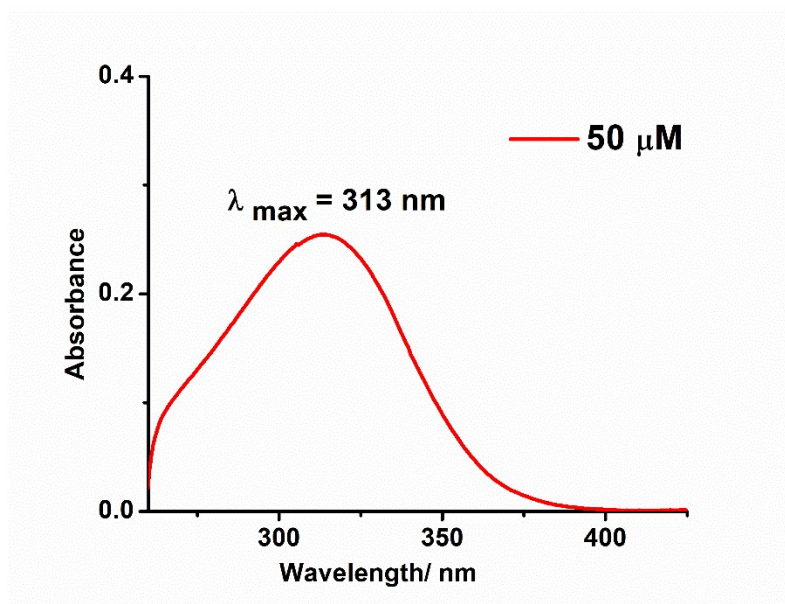


Fig. S1. UV-Vis. absorption spectrum of methyl parathion at 50 μM concentration in DMSO

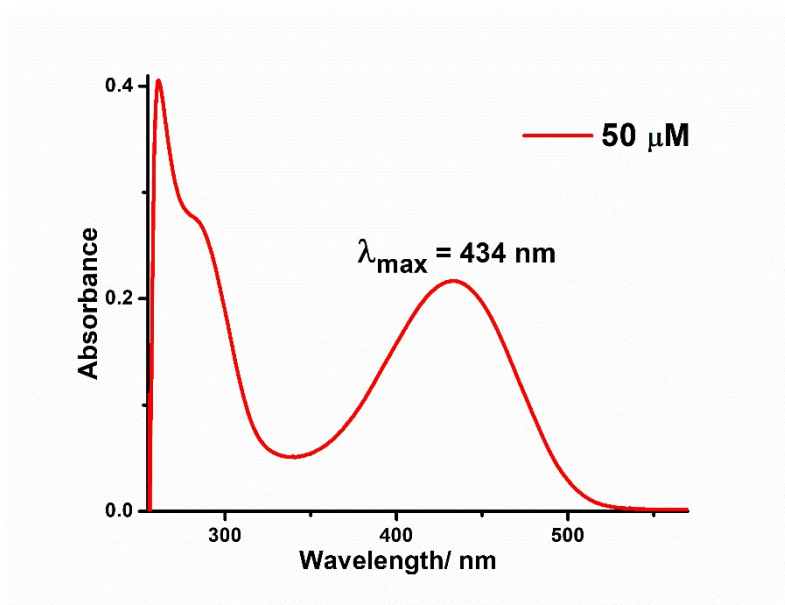


Fig. S2. UV-Vis. absorption spectrum of pendimethalin at 50 μM concentration in DMSO

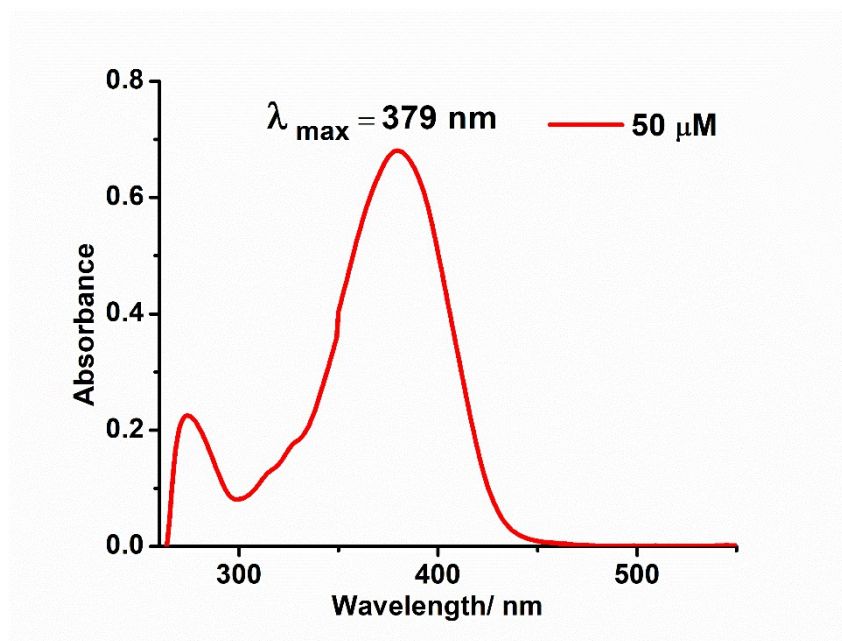


Fig. S3. UV-Vis. absorption spectrum of dicloran at 50 μM concentration in DMSO

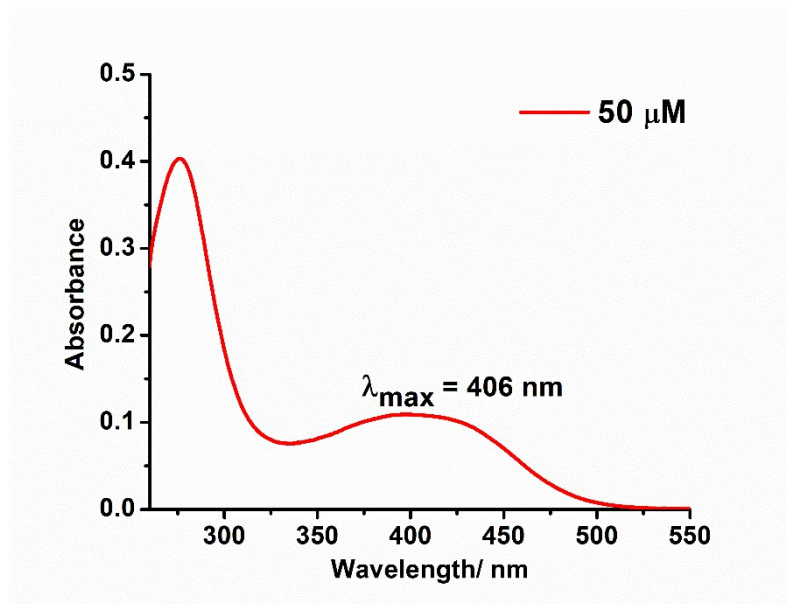


Fig. S4. UV-Vis. absorption spectrum of trifluralin at 50 μM concentration in DMSO

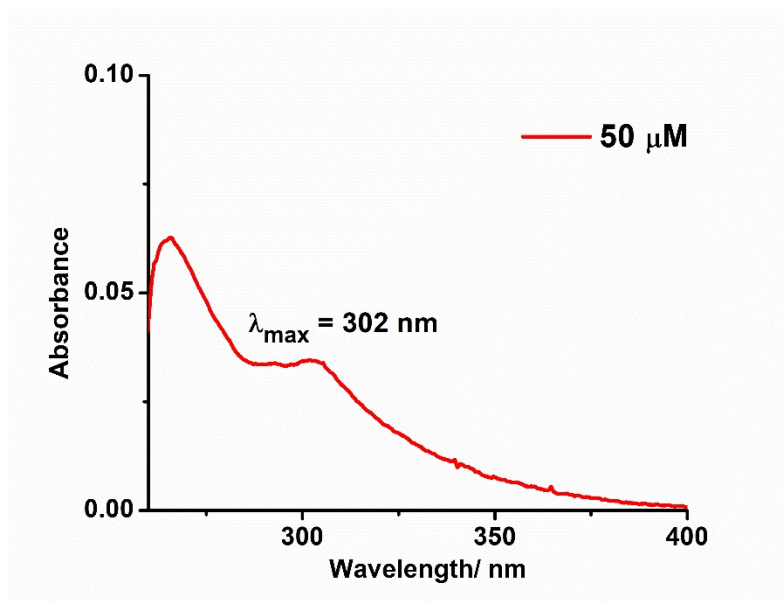


Fig. S5. UV-Vis. absorption spectrum of PCNB at 50 μM concentration in DMSO

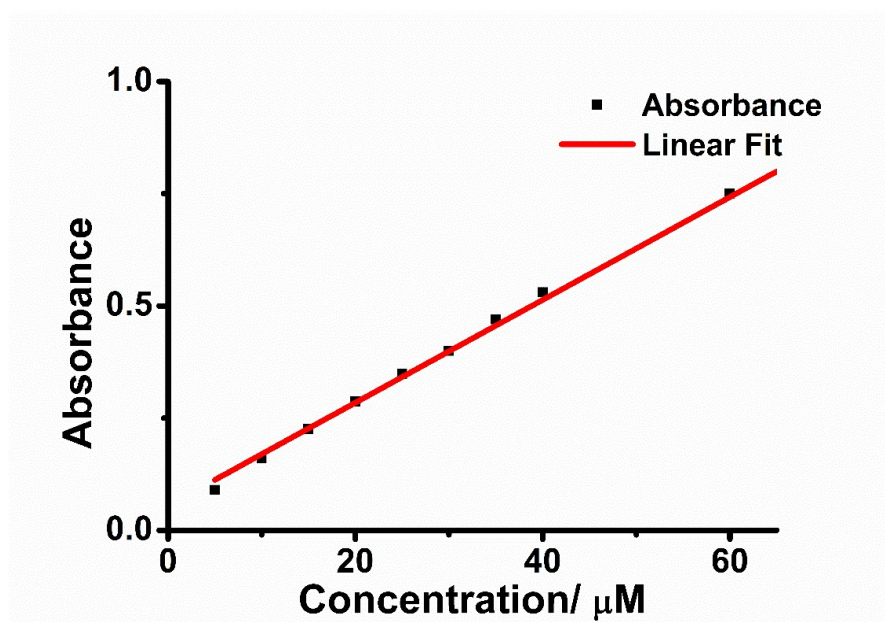


Fig. S6. Plot for determination of limit of detection for Methyl Parathion

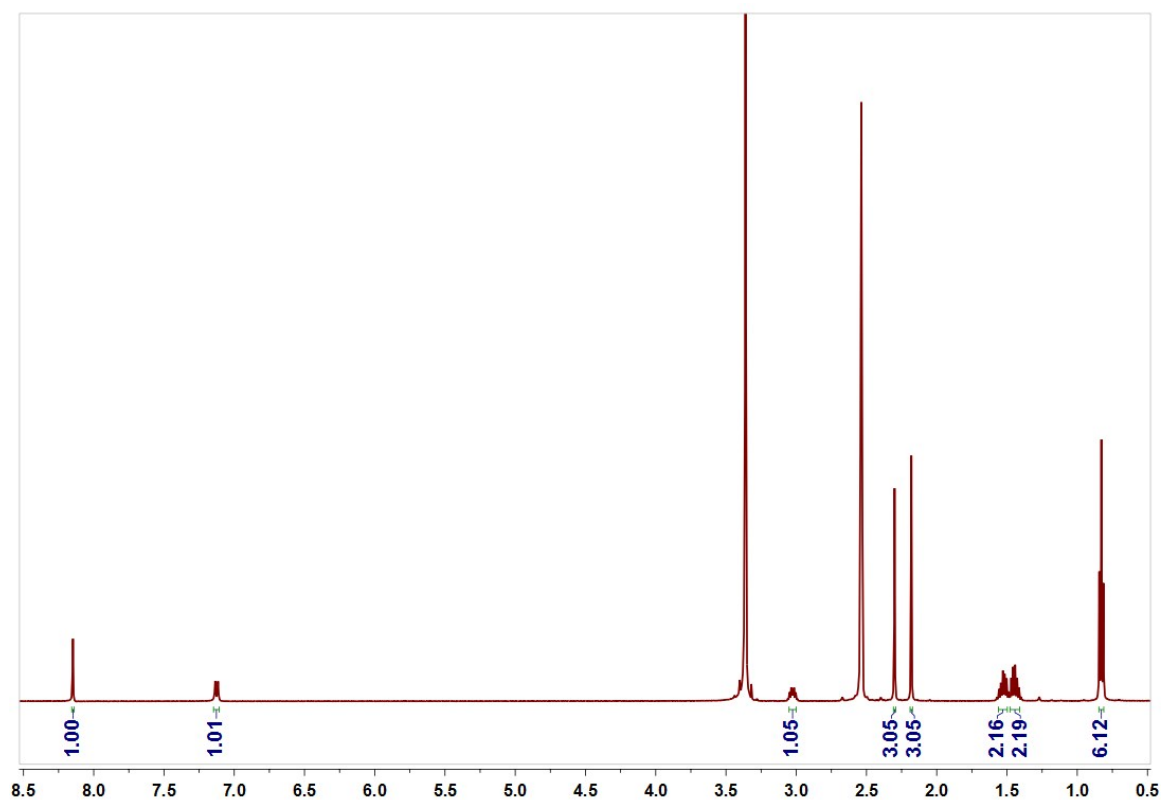


Fig. S7. ¹H NMR spectrum of pendimethalin in DMSO-d₆

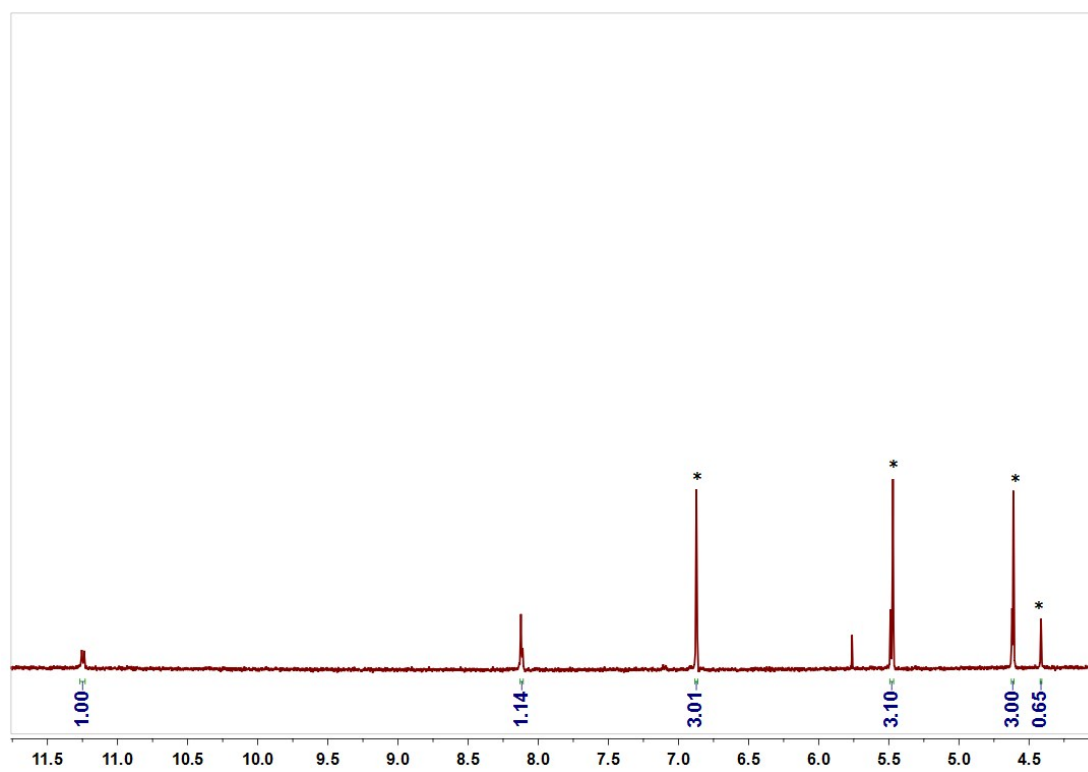


Fig. S8. ¹H NMR spectrum of complex of pendimethalin with TBAOH in DMSO-d₆

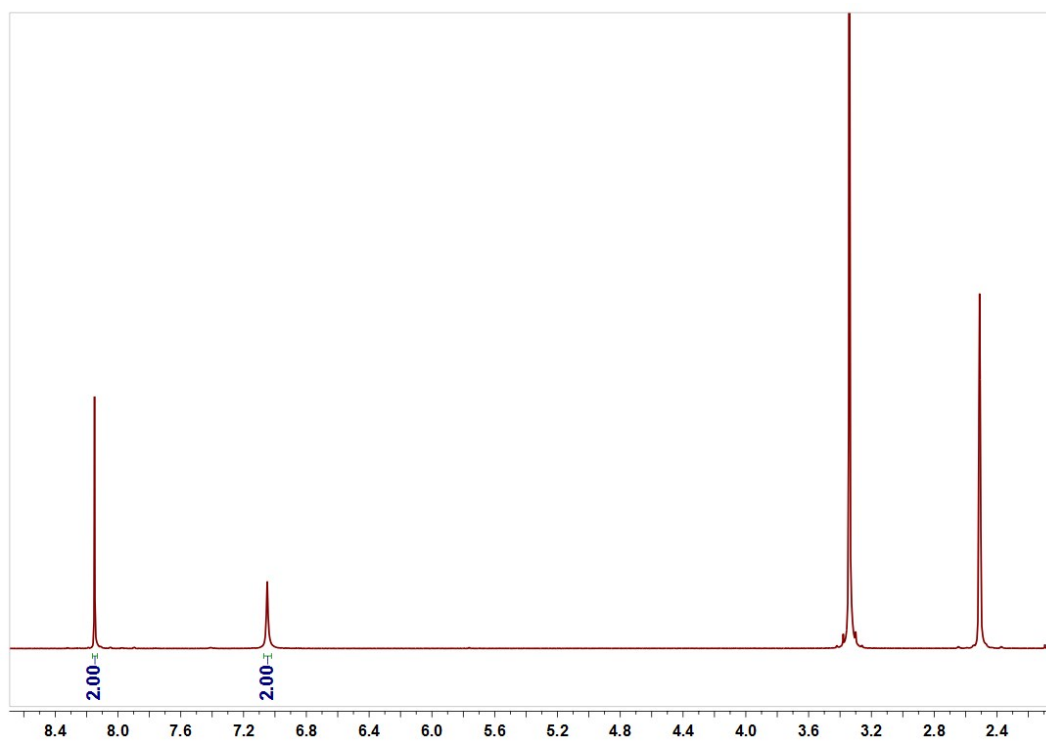


Fig. S9. ^1H NMR spectrum of dicloran in DMSO-d_6

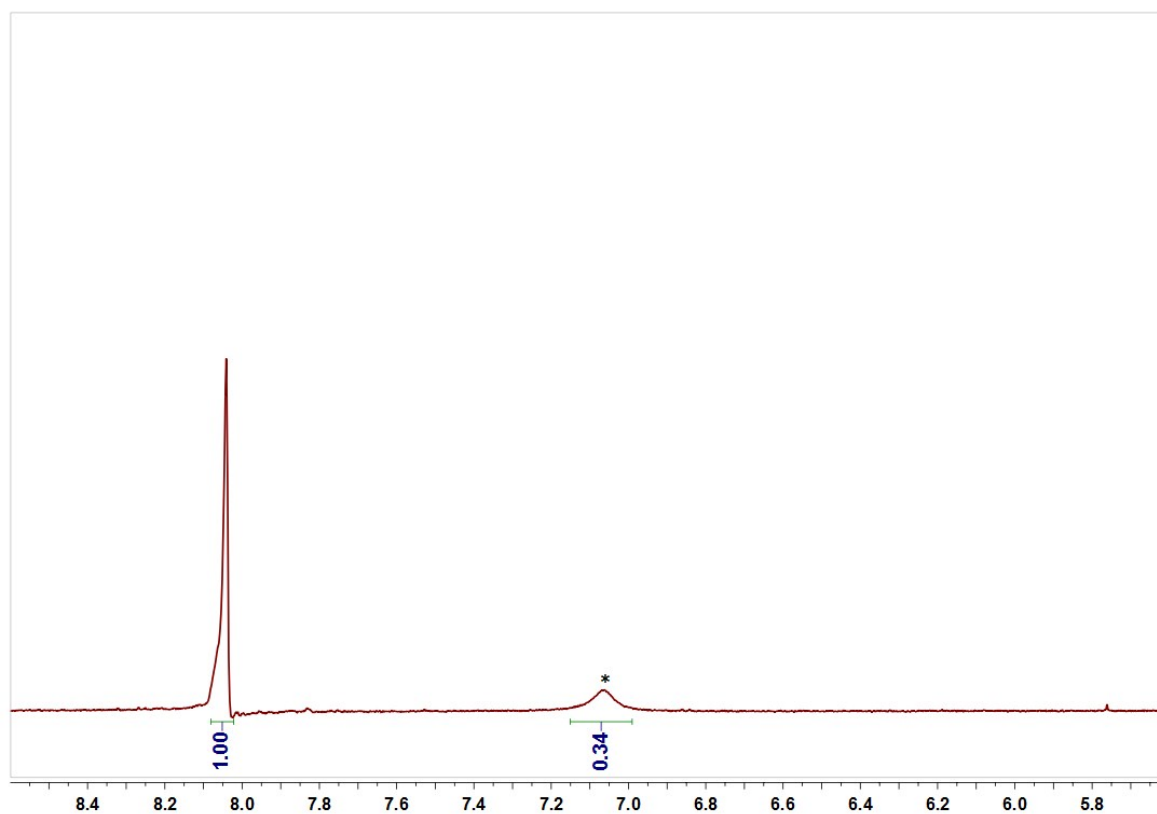


Fig. S10. ^1H NMR spectrum of complex of dicloran with TBAOH in DMSO-d_6

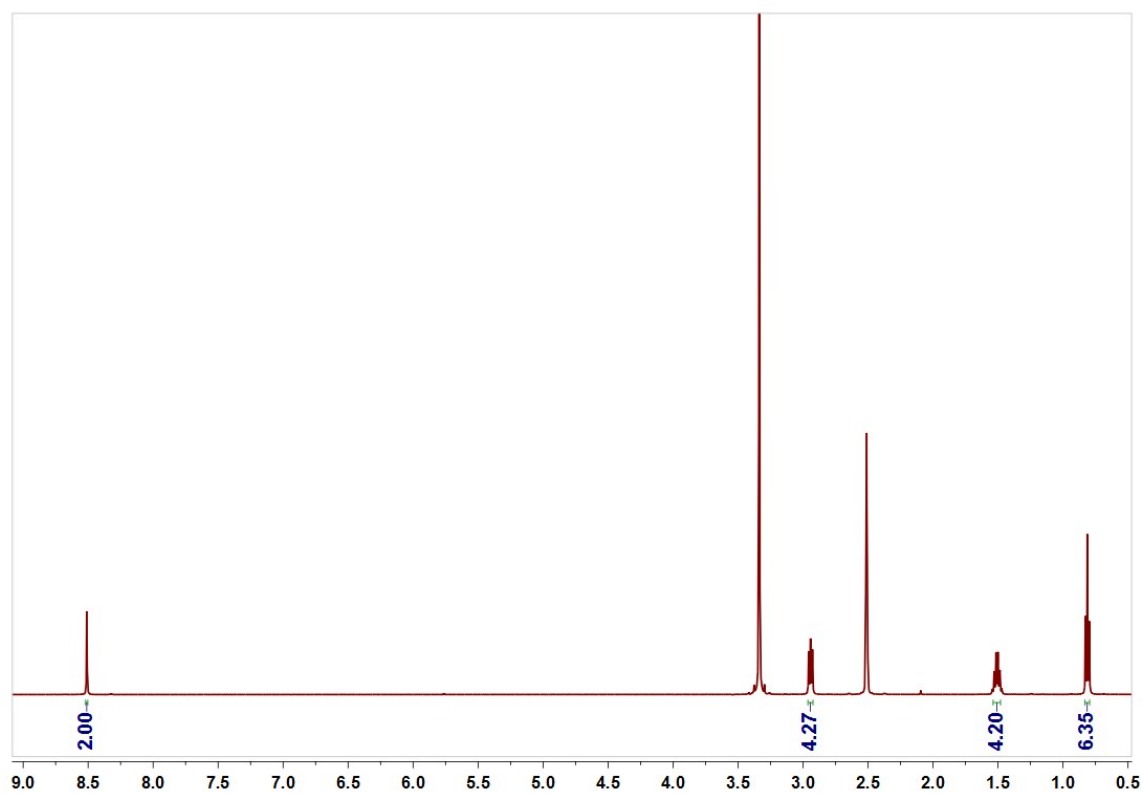


Fig. S11. ^1H NMR spectrum of trifluralin in DMSO-d_6

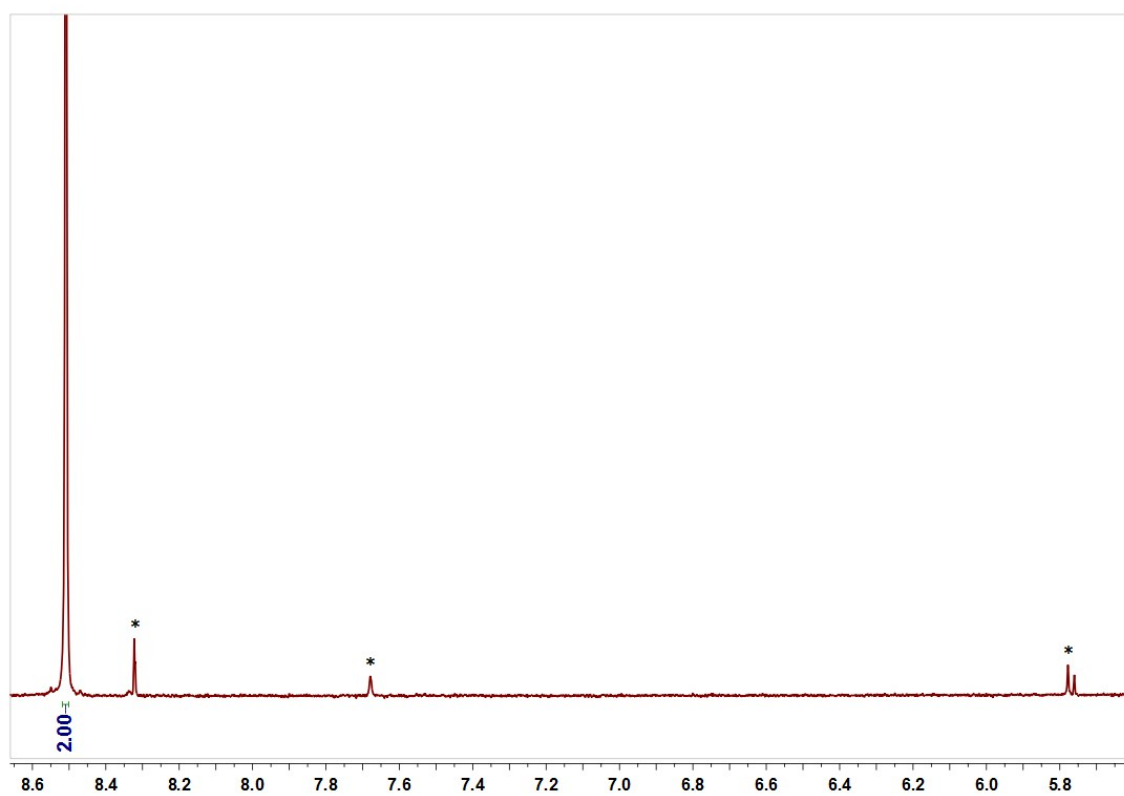


Fig. S12. ^1H NMR spectrum of complex of trifluralin with TBAOH in DMSO-d_6