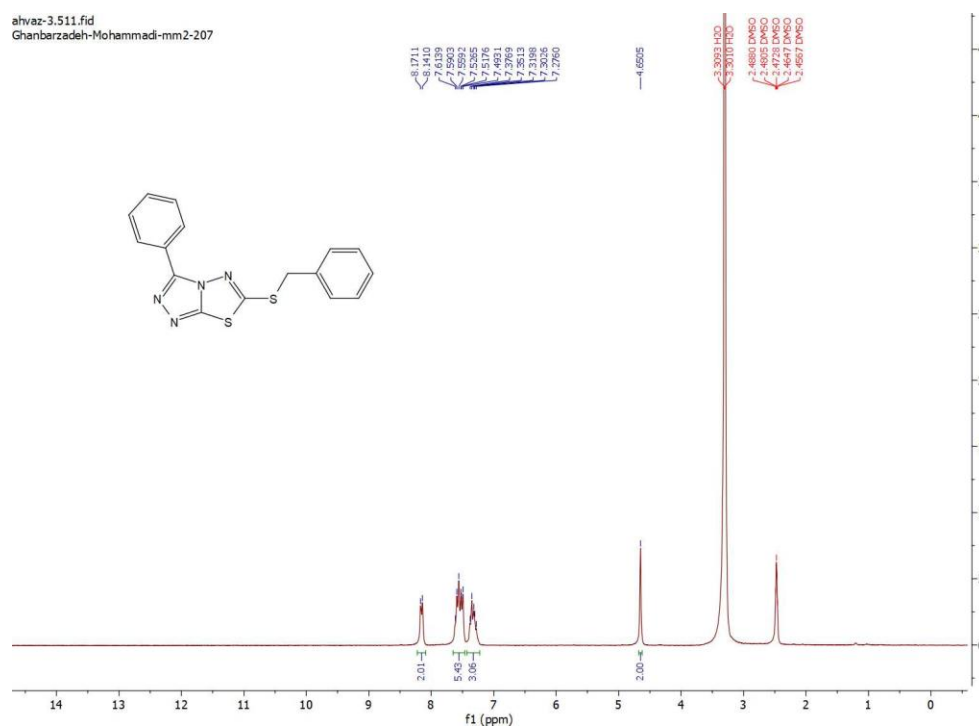


Fig. S1. NMR of **6a**

ahvaz-3.511.fid
Ghanbarzadeh-Mohammadi-mm2-207



ahvaz-3.512.fid
Ghanbarzadeh-Mohammadi-mm2-207

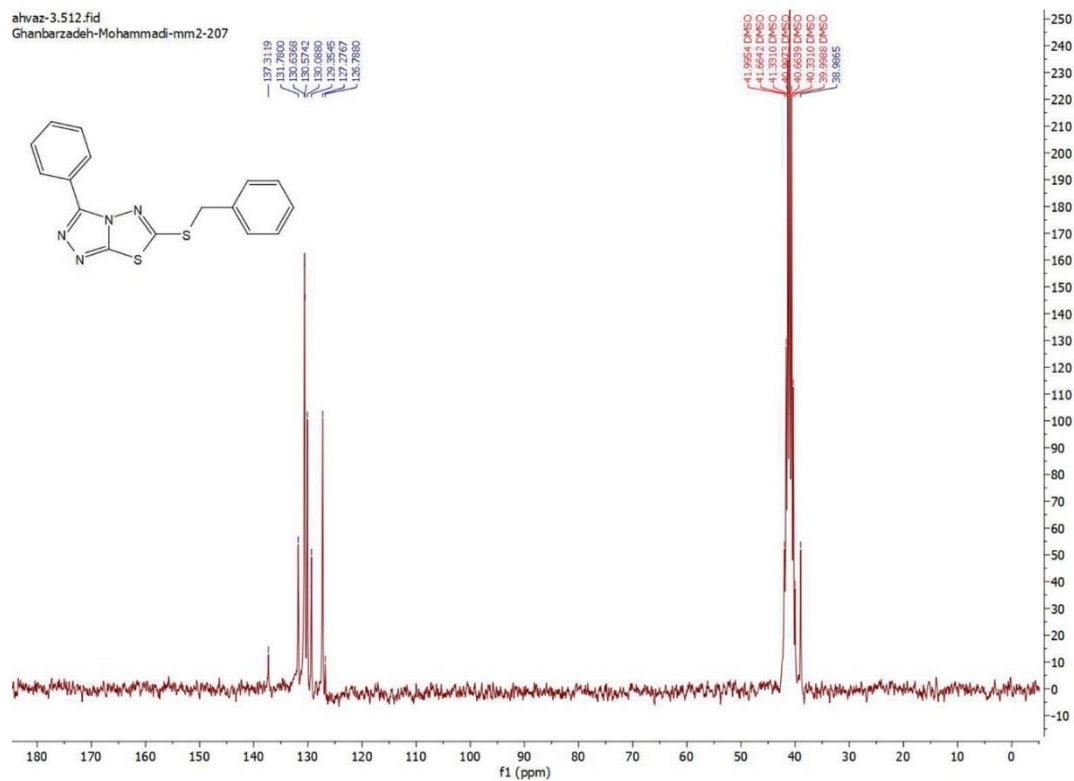


Fig. S2. NMR of **6b**

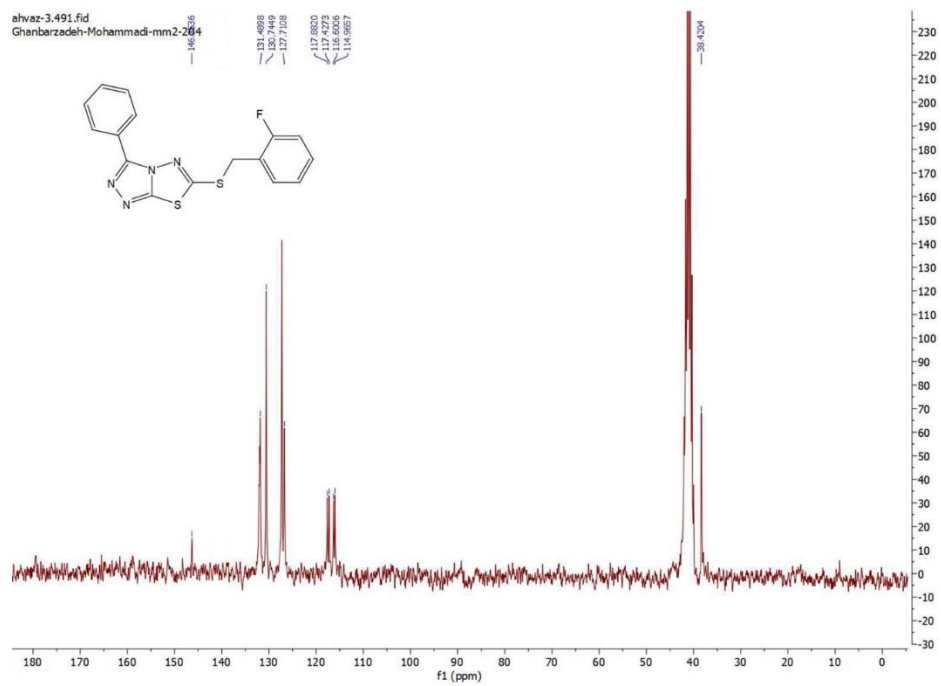
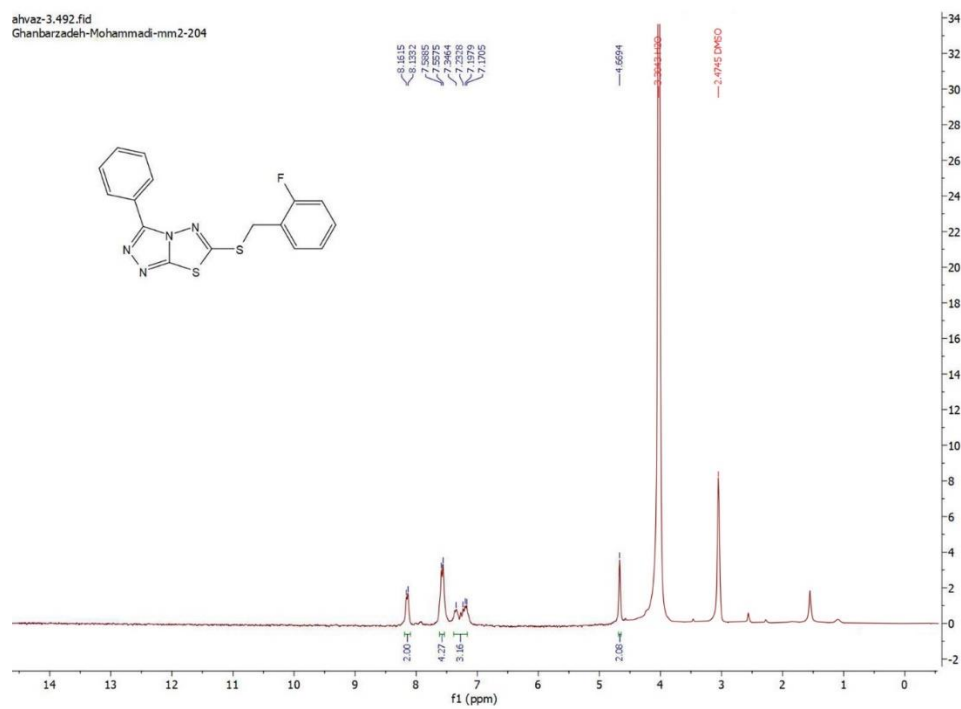
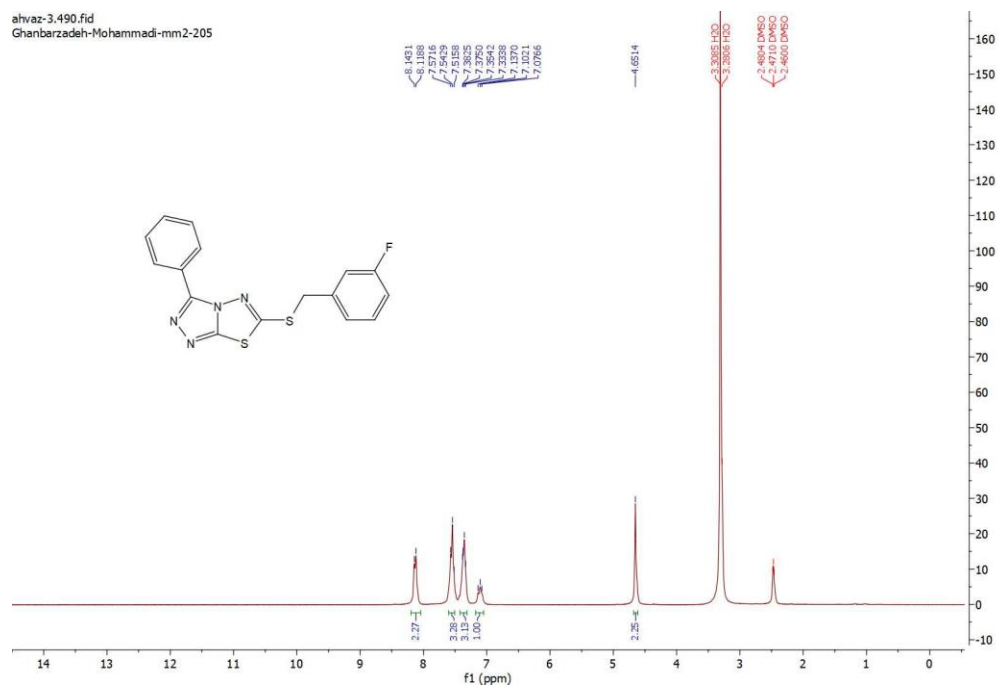


Fig. S3. NMR of **6c**

ahvaz-3.490.fid
Ghanbarzadeh-Mohammadi-mm2-205



ahvaz-3.491.fid
Ghanbarzadeh-Mohammadi-mm2-205

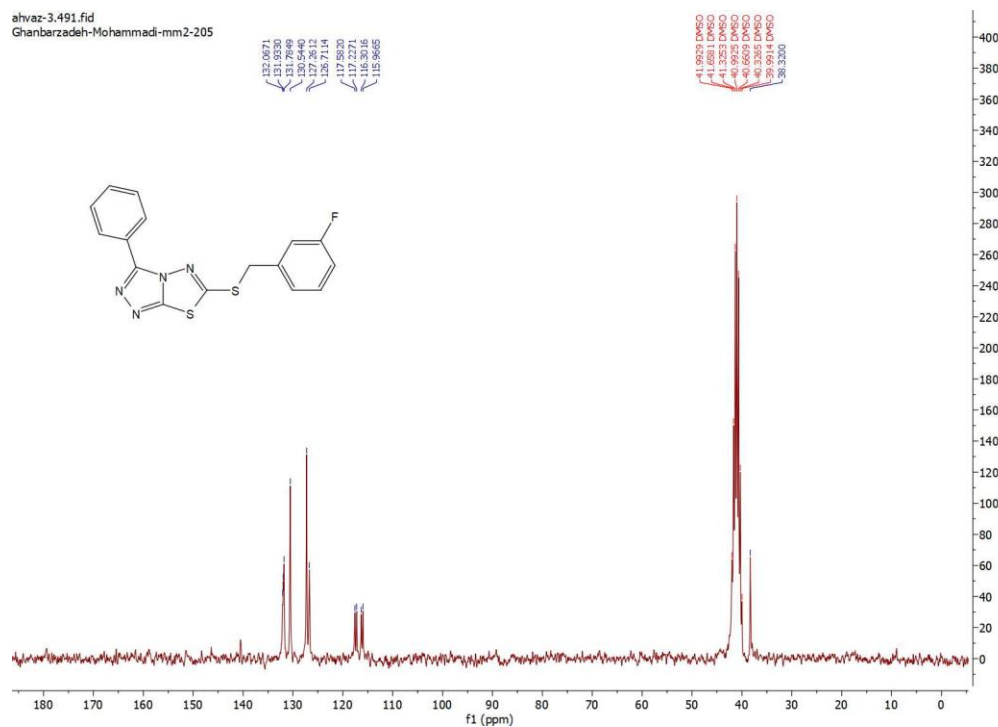
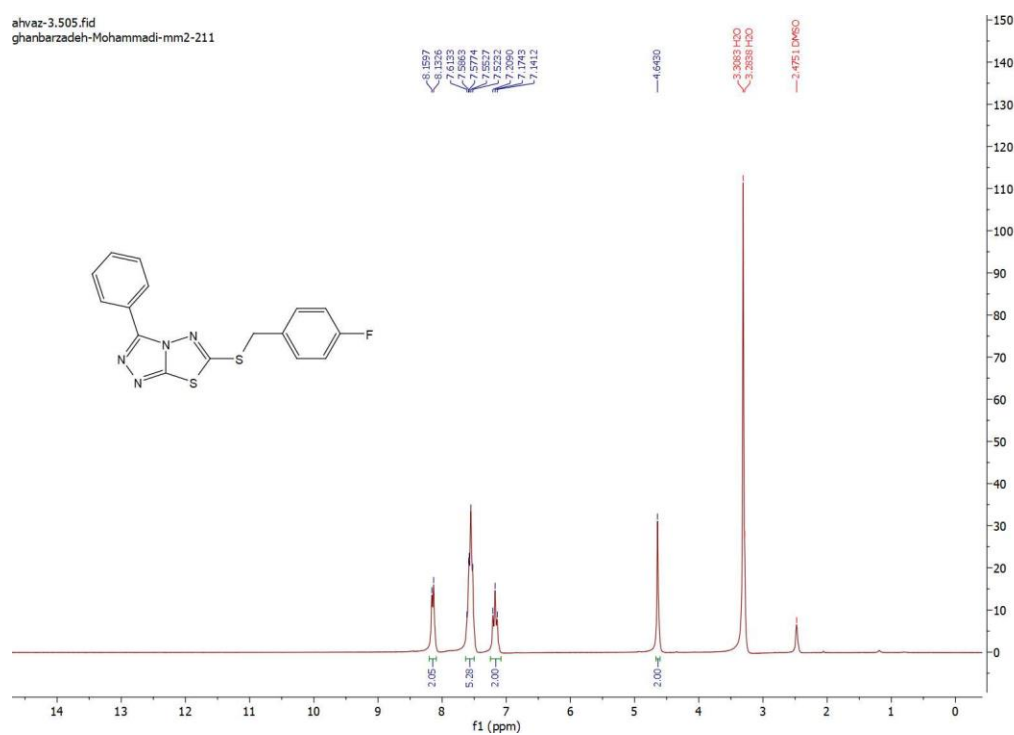


Fig. S4. NMR of **6d**

ahvaz-3.505.fid
ghanbarzadeh-Mohammadi-mm2-211



ahvaz-3.506.fid
Ghanbarzadeh-Mohammadi-mm2-211

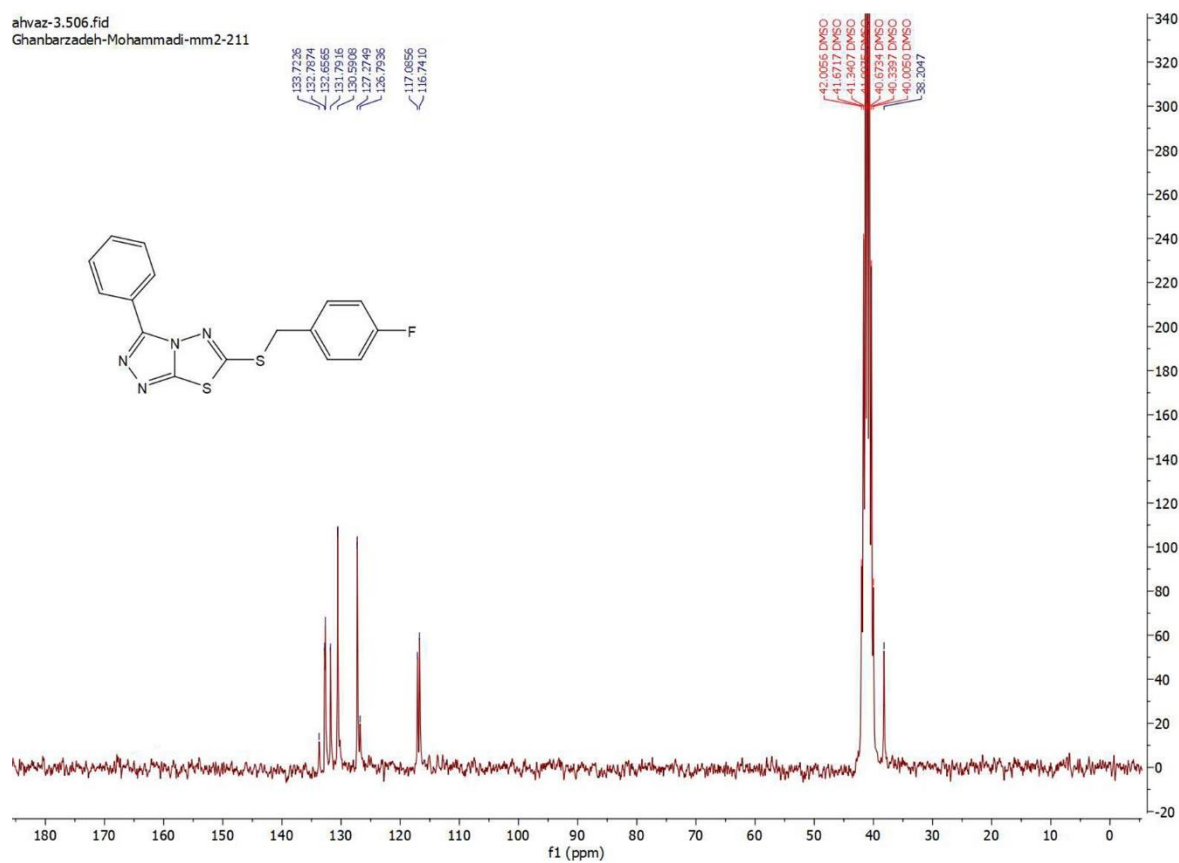
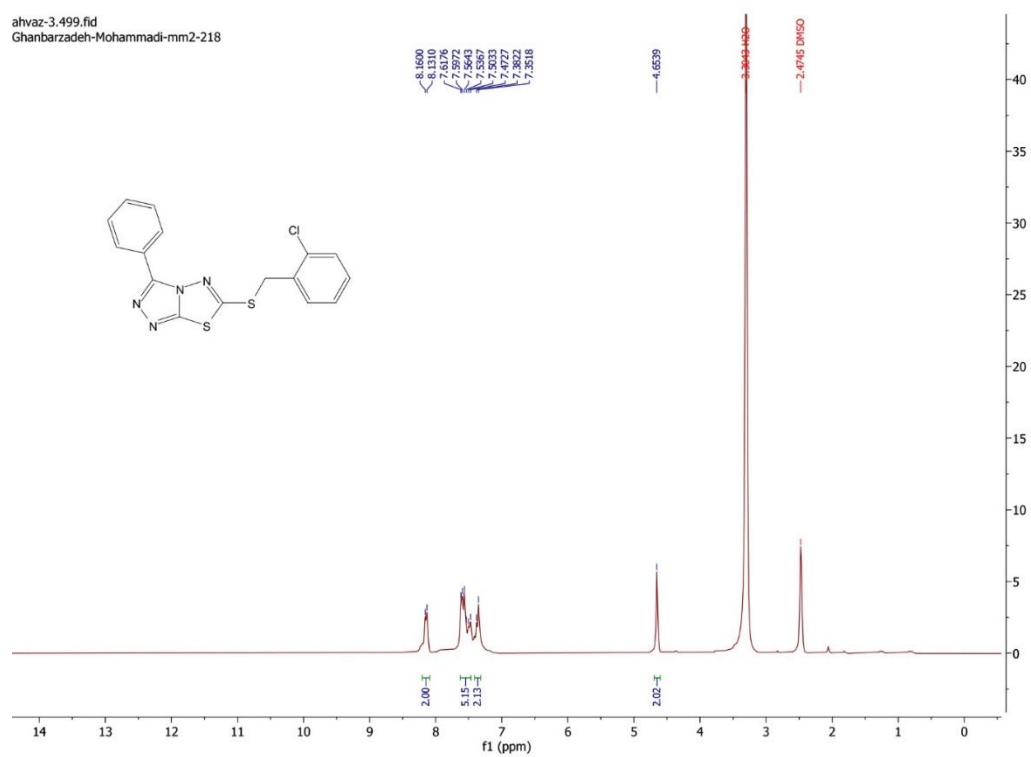


Fig. S5. NMR of **6e**

ahvaz-3.499.fid
Ghanbarzadeh-Mohammadi-mm2-218



ahvaz-3.500.fid
Ghanbarzadeh-Mohammadi-mm2-218

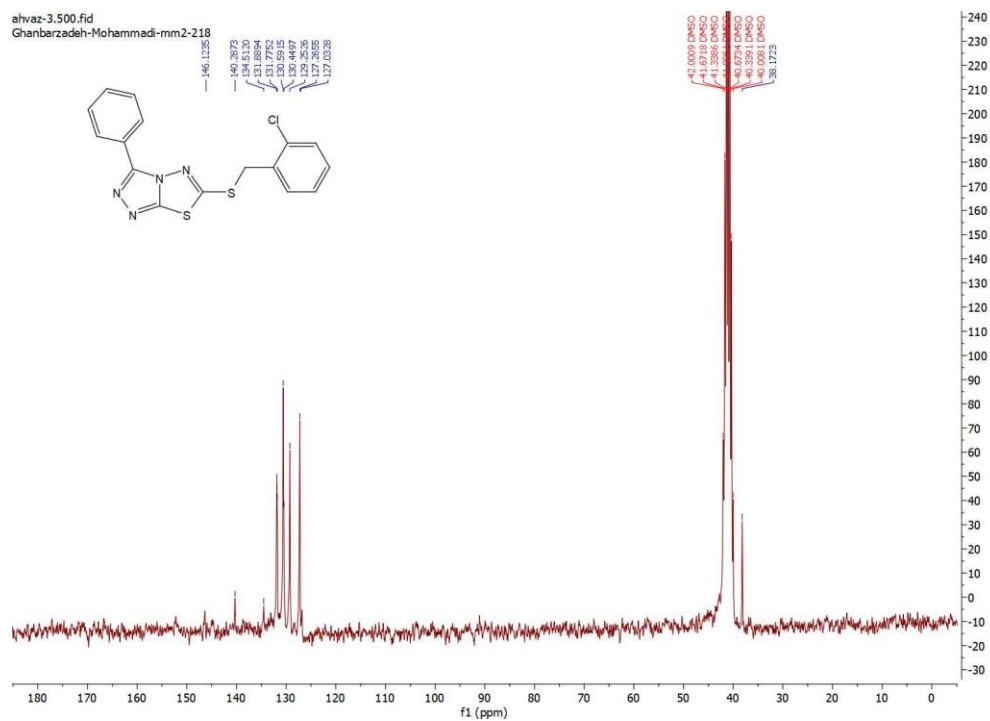
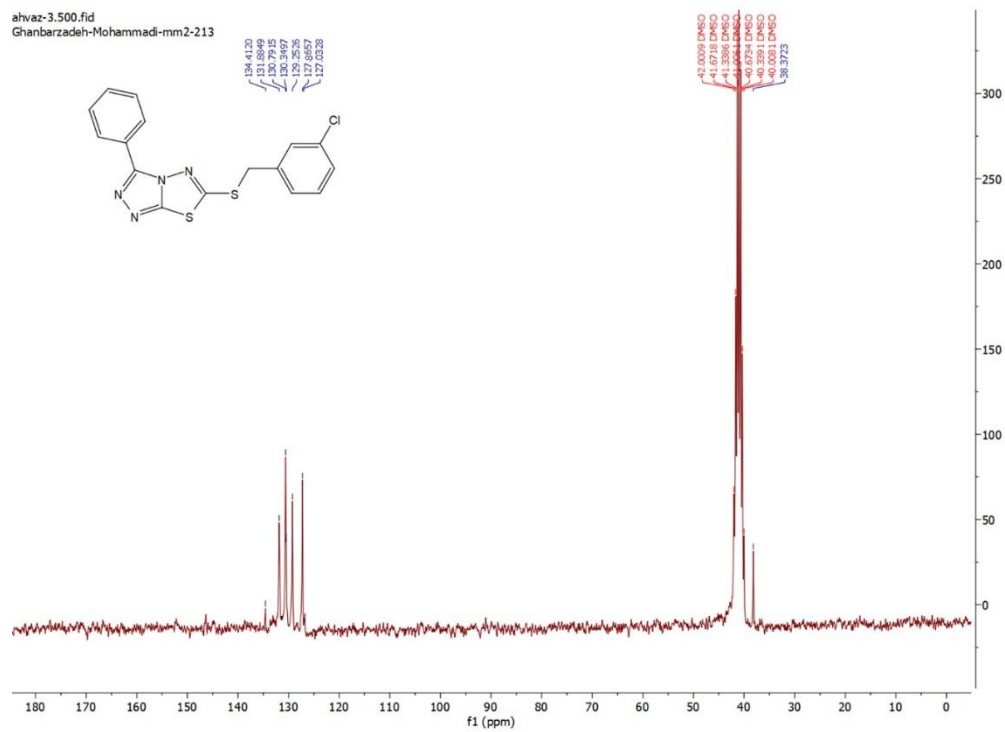
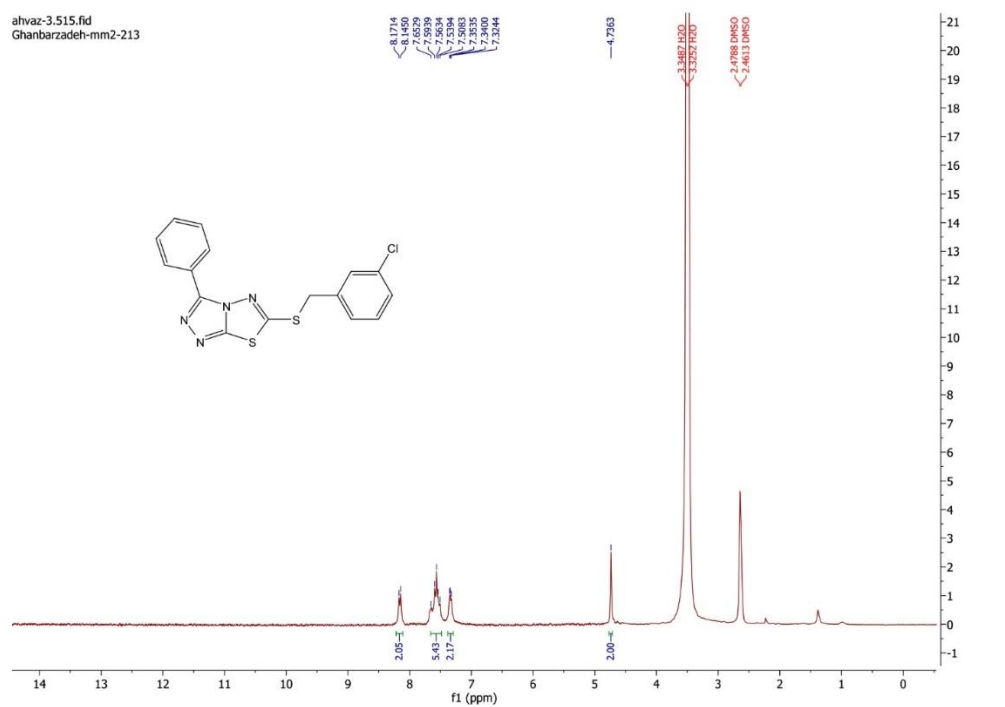
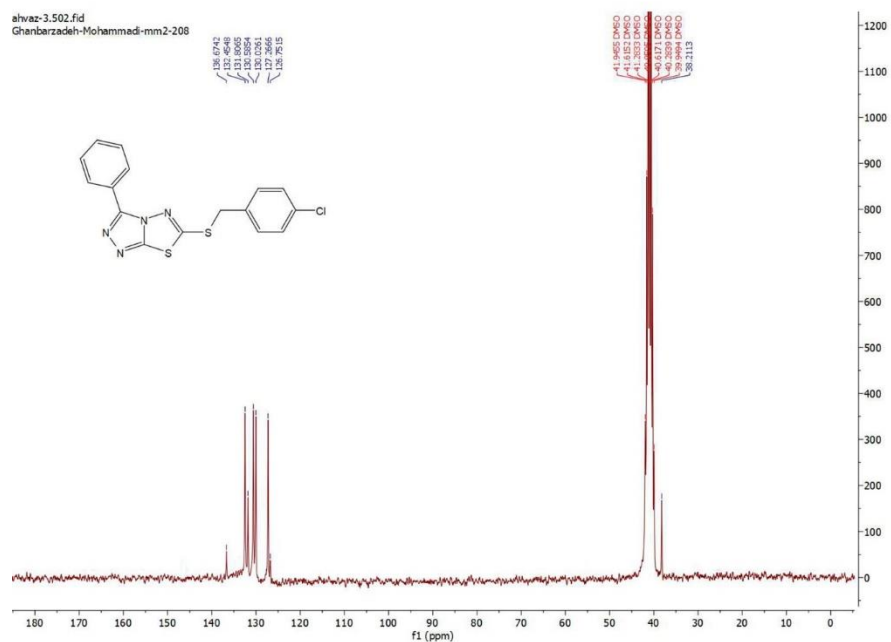
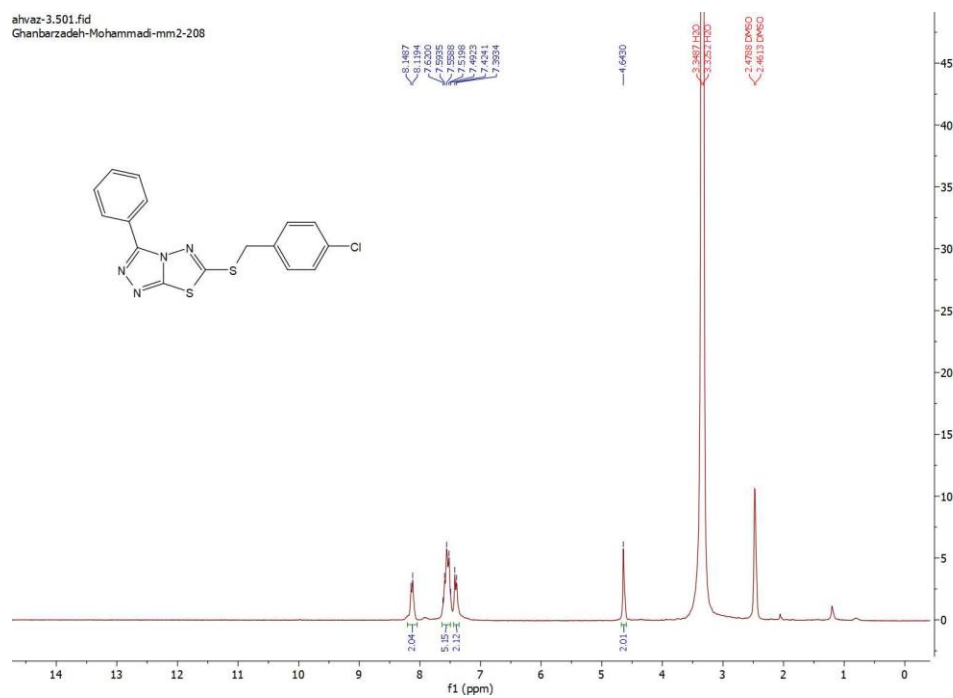


Fig. S6. NMR of **6f**



ahvaz-3.501.fid
Ghanbarzadeh-Mohammadi-mm2-208



ahvaz-3.487.fid
Ghanbarzadeh-Mohammadi-mm2-209

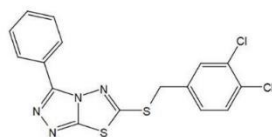
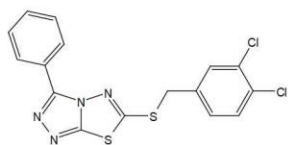
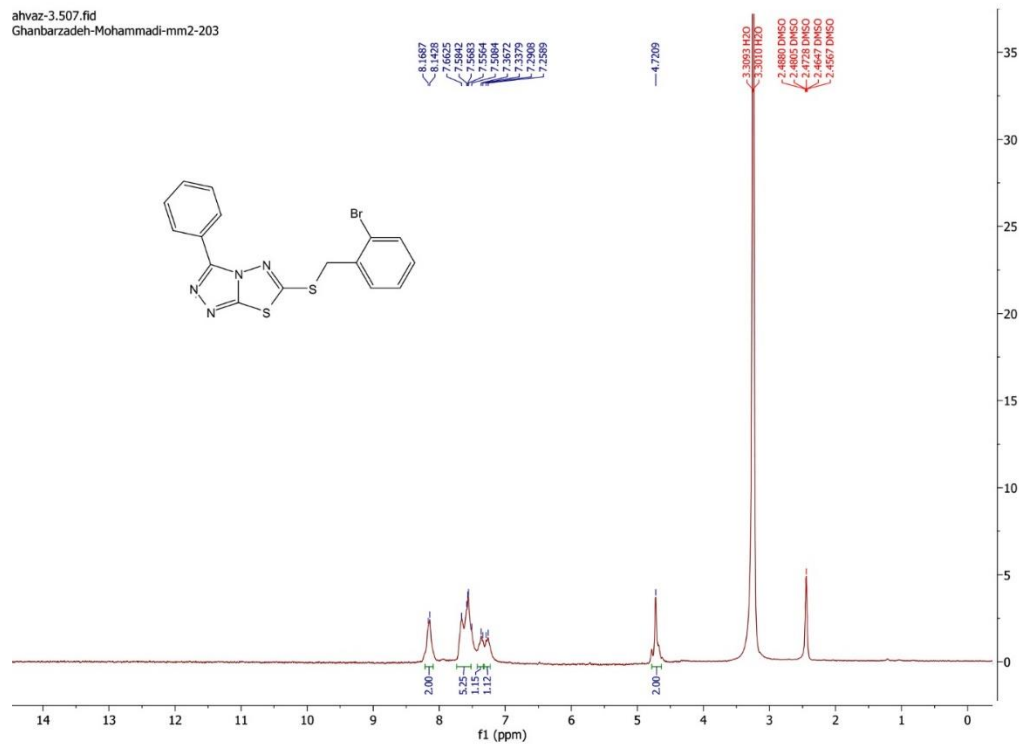
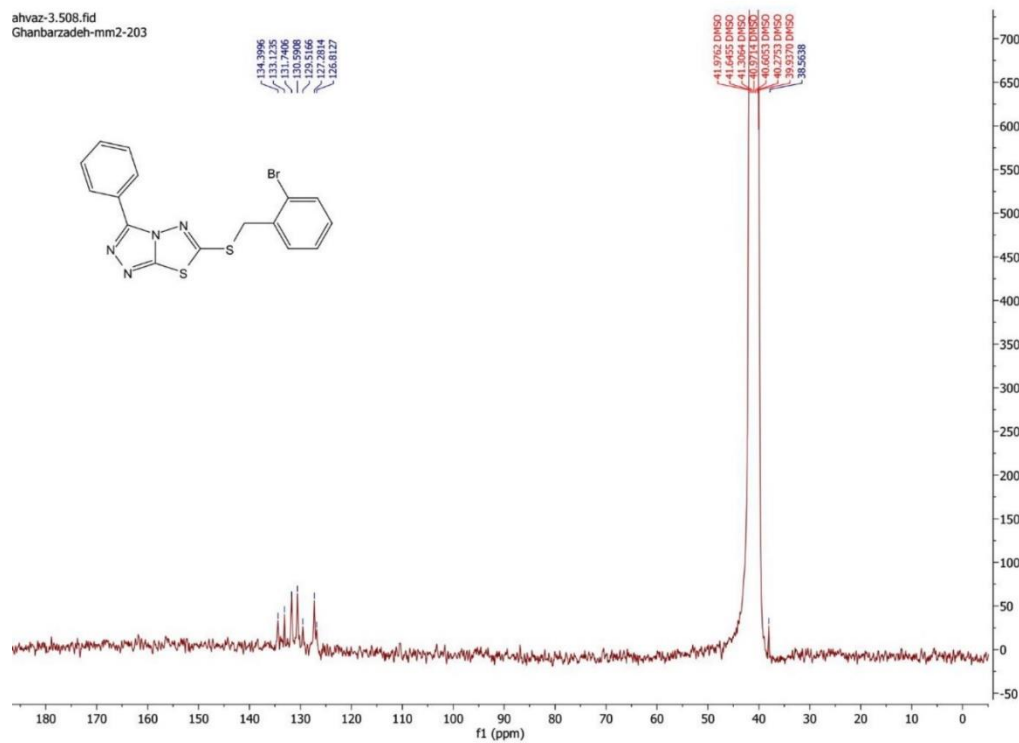


Fig. S9. NMR of **6i**

ahvaz-3.507.fid
Ghanbarzadeh-Mohammadi-mm2-203



ahvaz-3.508.fid
Ghanbarzadeh-mm2-203



ahvaz-3.513.fid
Ghanbarzadeh-Mohammadi-mm2-202

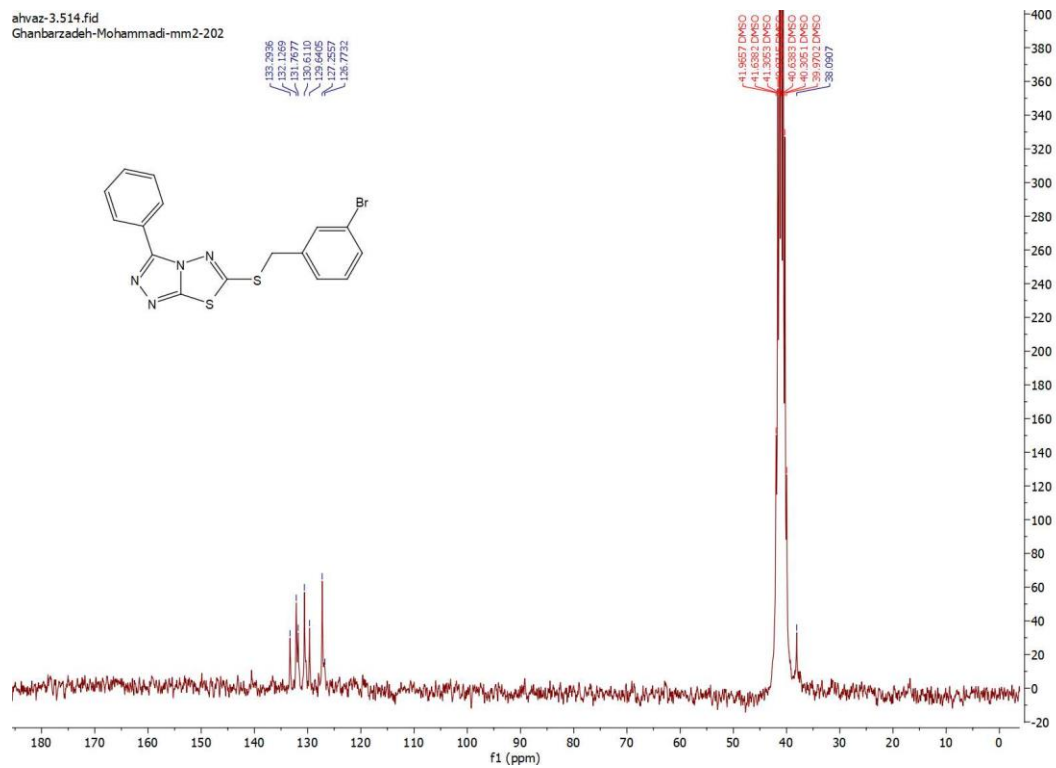


Fig. S11. NMR of **6k**

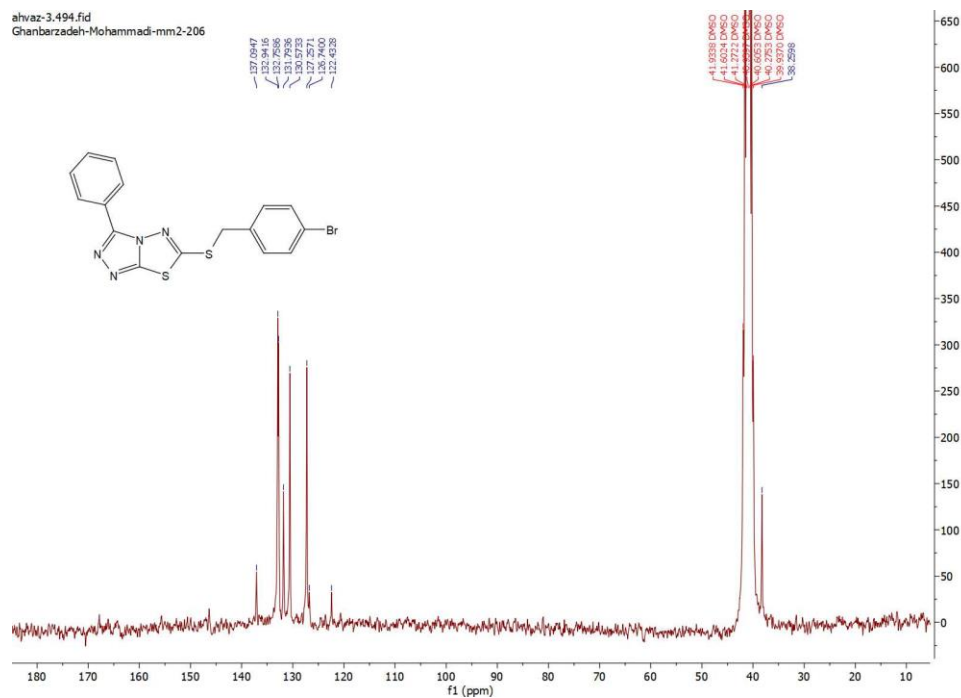
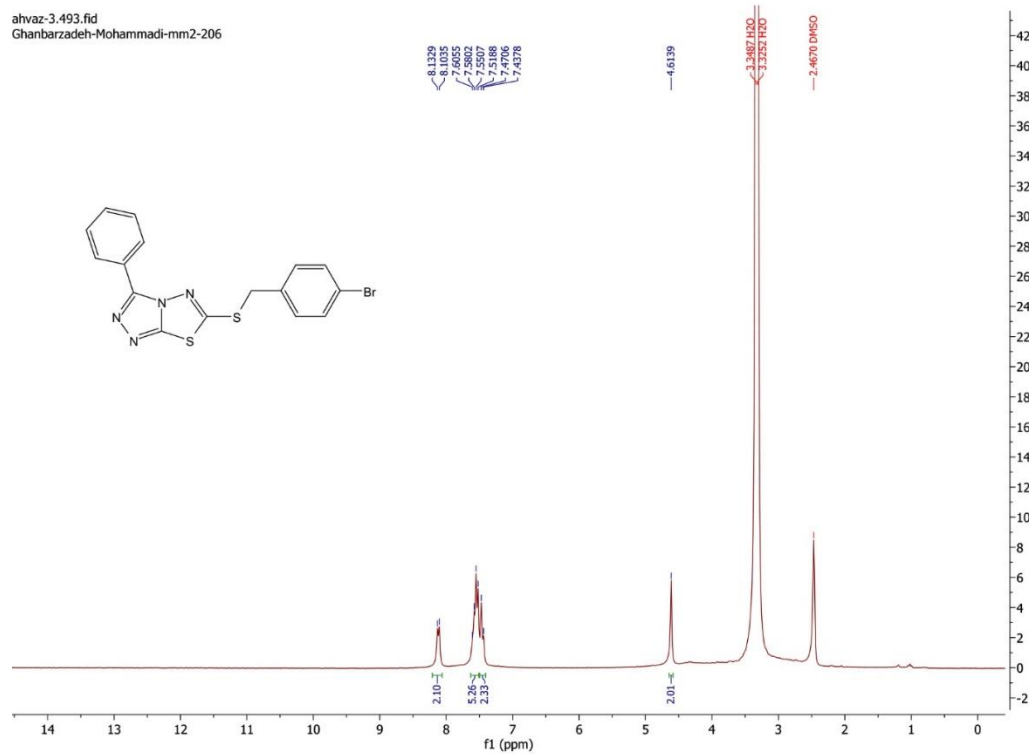
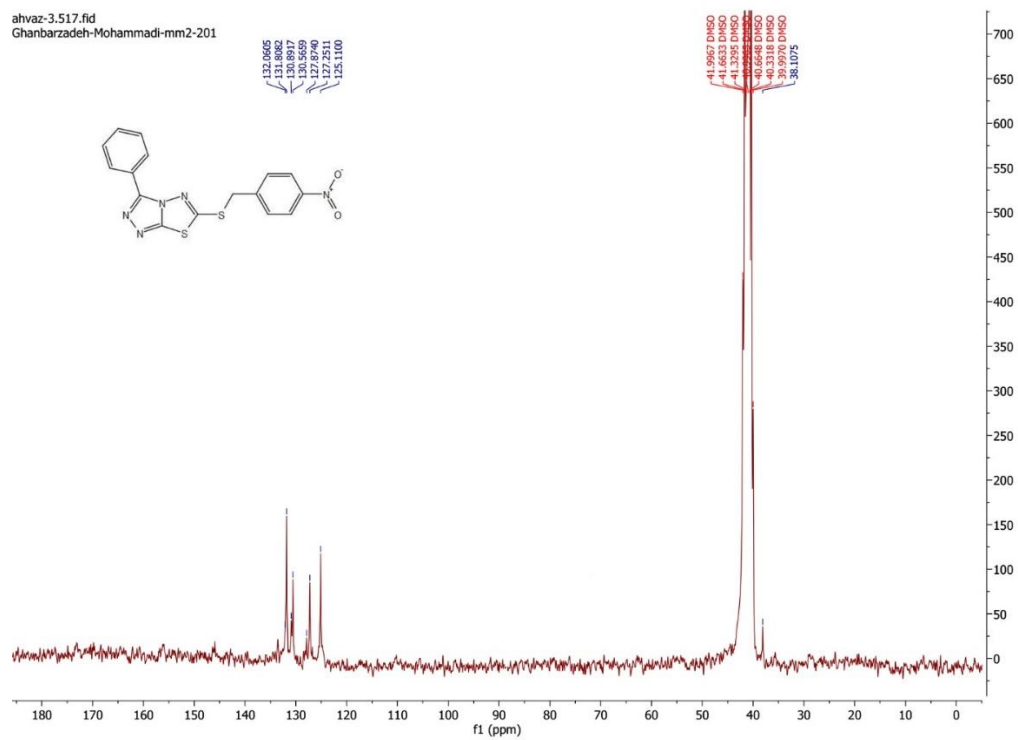
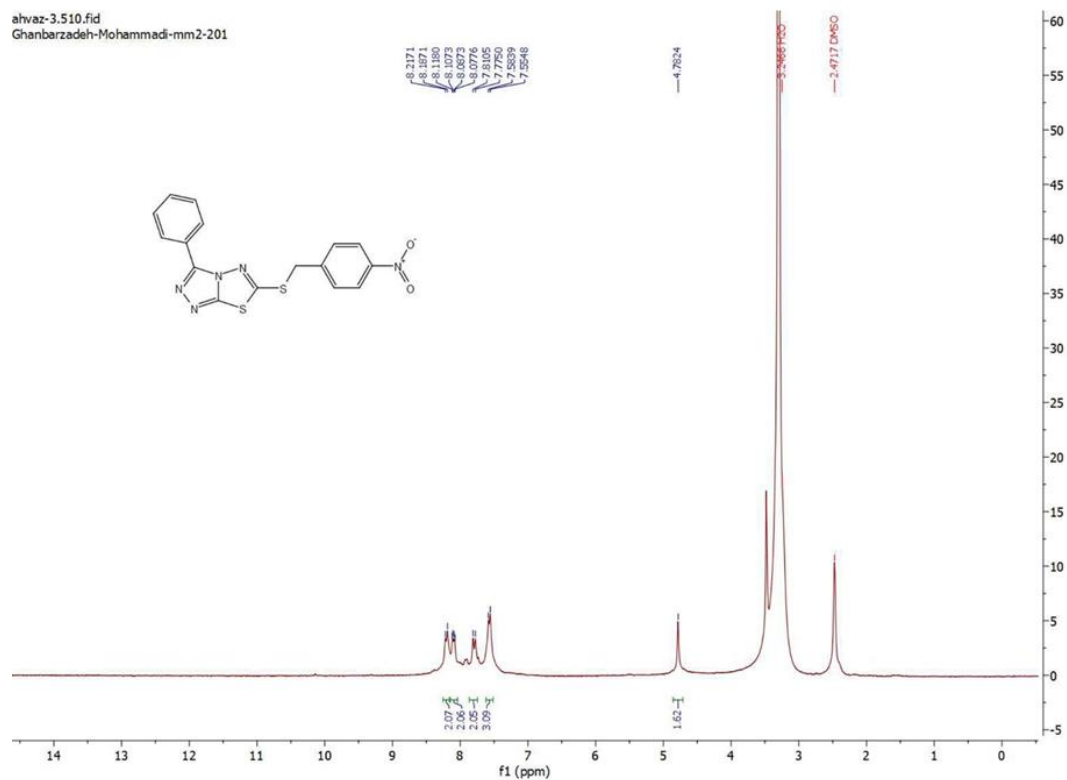


Fig. S12. NMR of 6l



ahvaz-3.495.fid
ghanbarzadeh-Mohammadi-mm2-214

Chemical structure: Cc1ccc(cc1)CSc2nc3c(ncn3c2)c4ccccc4

¹H NMR spectrum (DMSO-d₆) showing peaks at 8.172, 8.142, 7.653, 7.577, 7.562, 7.542, 7.491, 7.4918, 7.2575, 7.2295, 7.1725, 7.0755, 7.0513, 6.8603, 6.8396, 4.6070, 3.6759, 3.3207 H₂O, 2.9991 H₂O, 2.4728 DMSO, and 2.38 ppm. Integration values are shown below the peaks: 2.00, 2.24, 2.05, 2.05, 1.03, 2.05, 3.19.

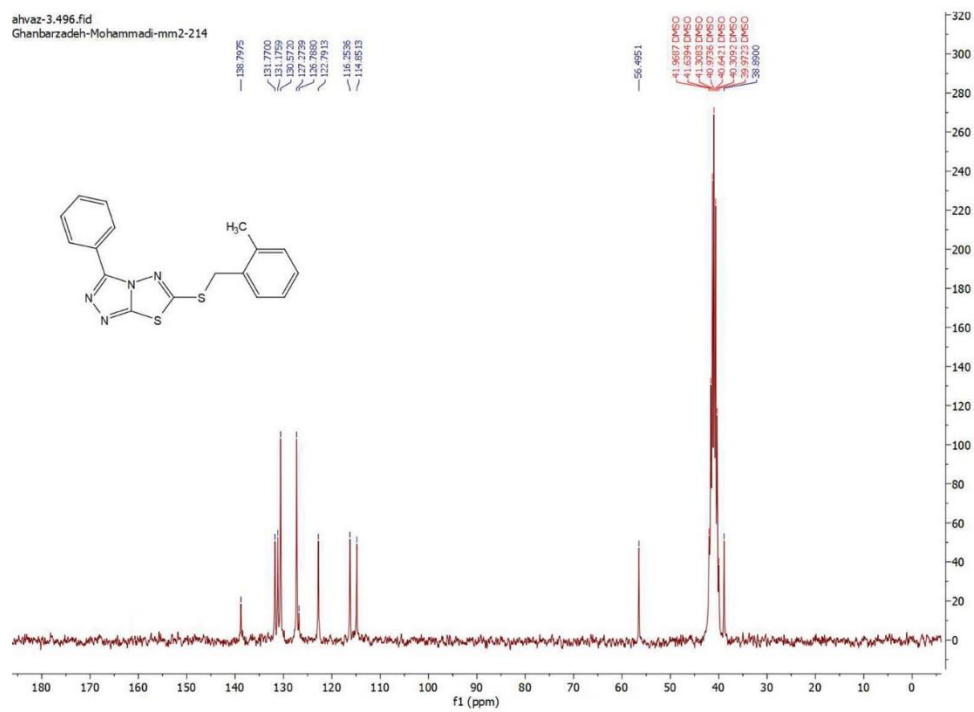
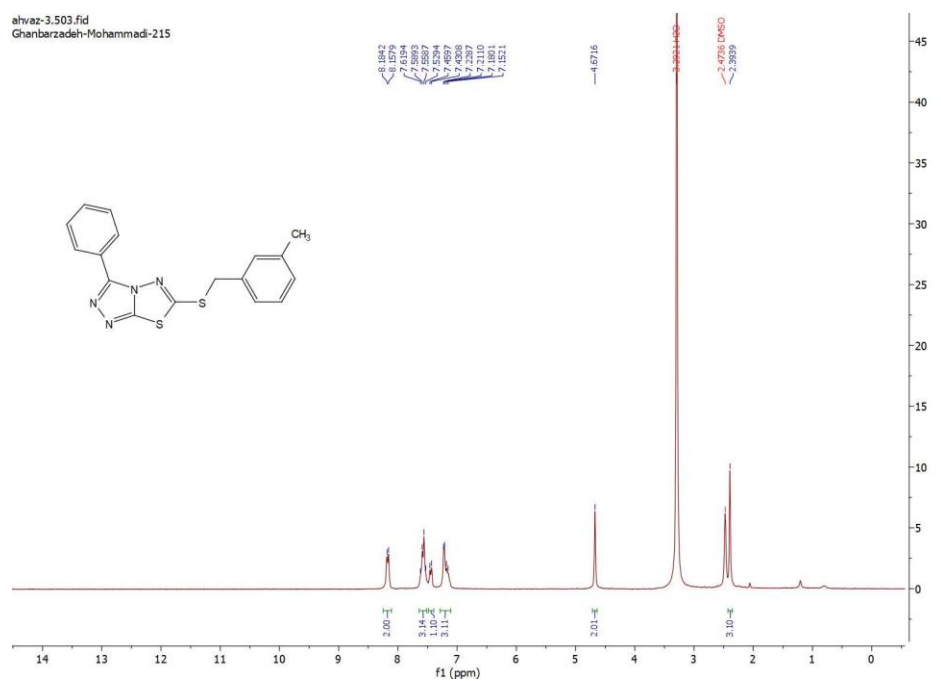


Fig. S14. NMR of **6n**

ahvaz-3.503.fid
Ghanberzadeh-Mohammadi-215



ahvaz-3.504.fid
Ghanberzadeh-Mohammadi-mm2-215

