

Heterocycle derived Organosilatrane as Naked eye sensor for Sn²⁺ ions and its potential inhibiting activity against HIV-1 protease via computational approach

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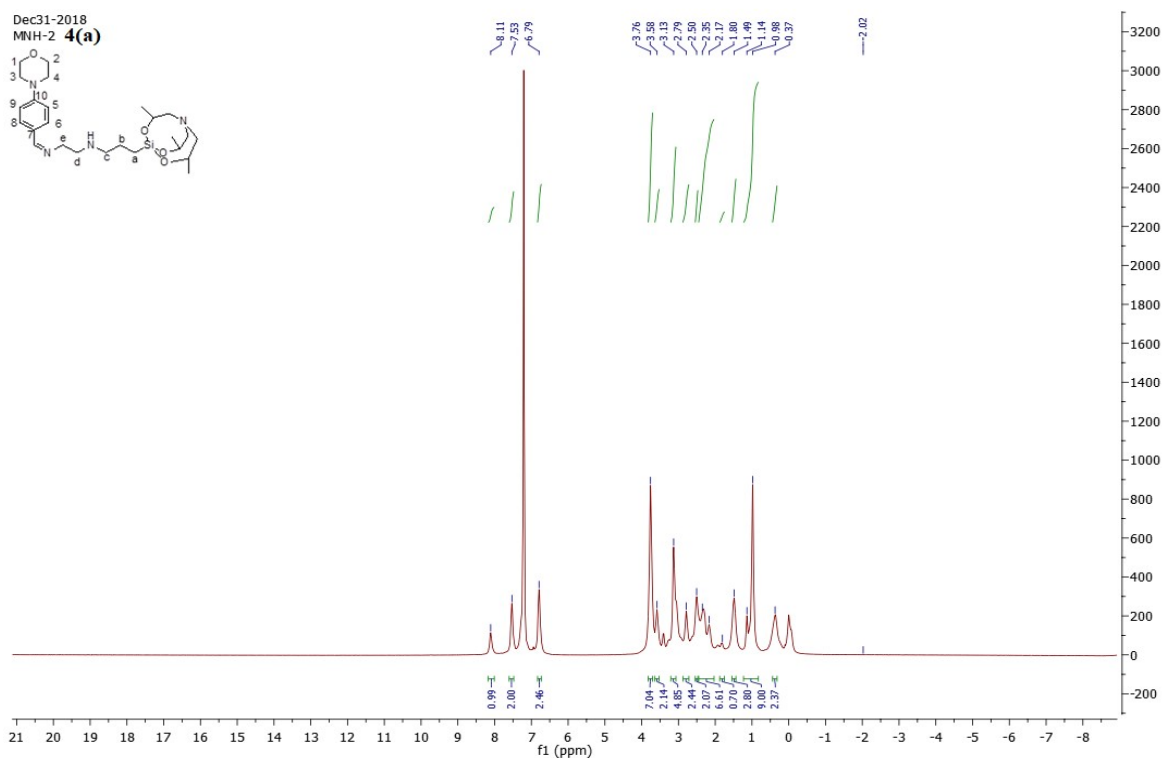


Fig.S1 ^1H NMR spectrum of compound 4a

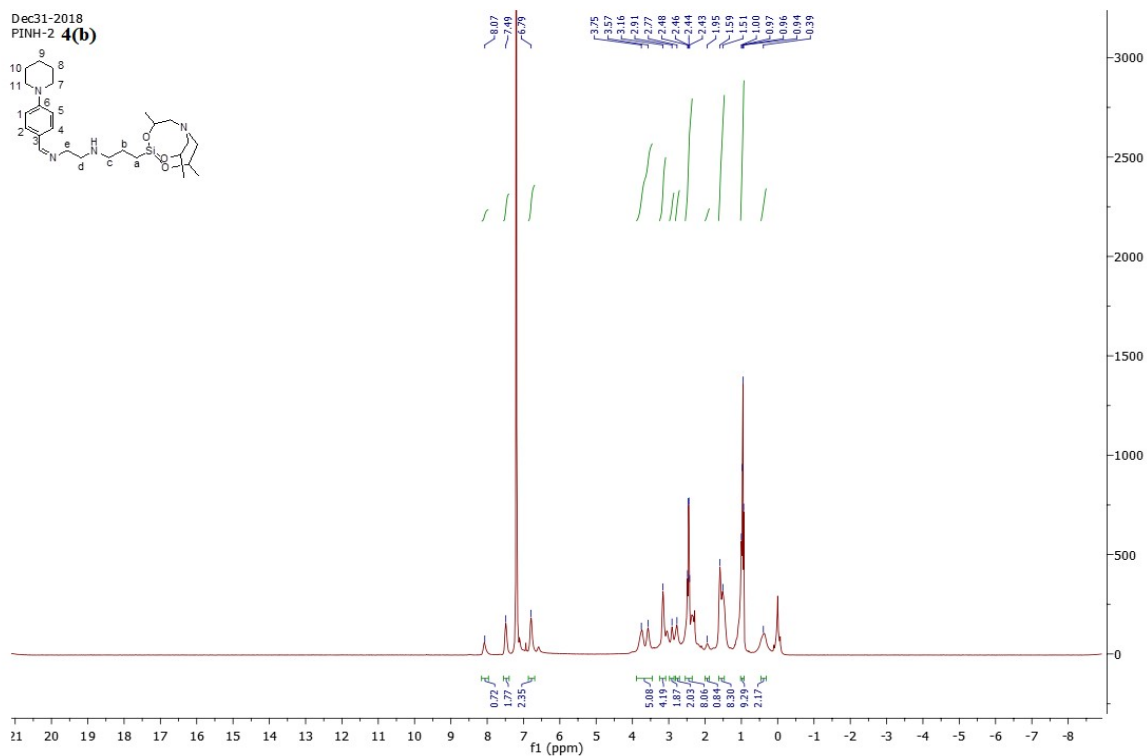


Fig.S2 ^1H NMR spectrum of compound 4b

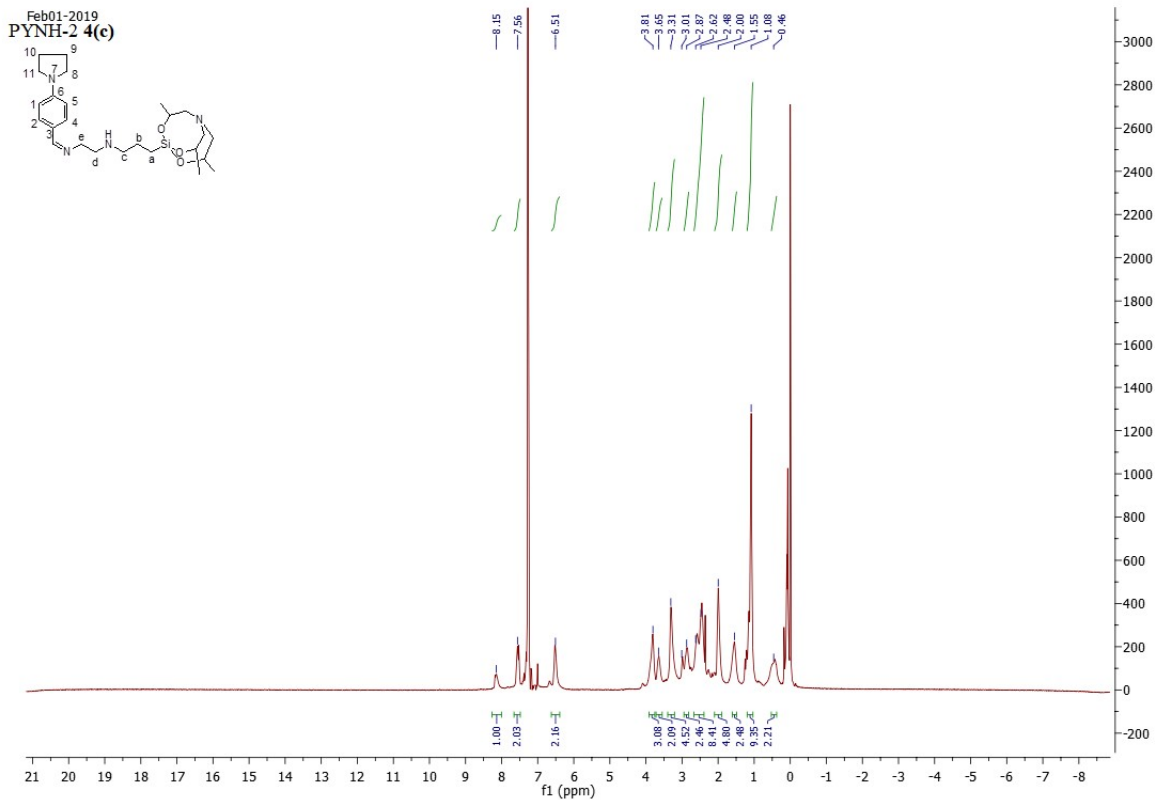


Fig.S3 ^1H NMR spectrum of compound 4c

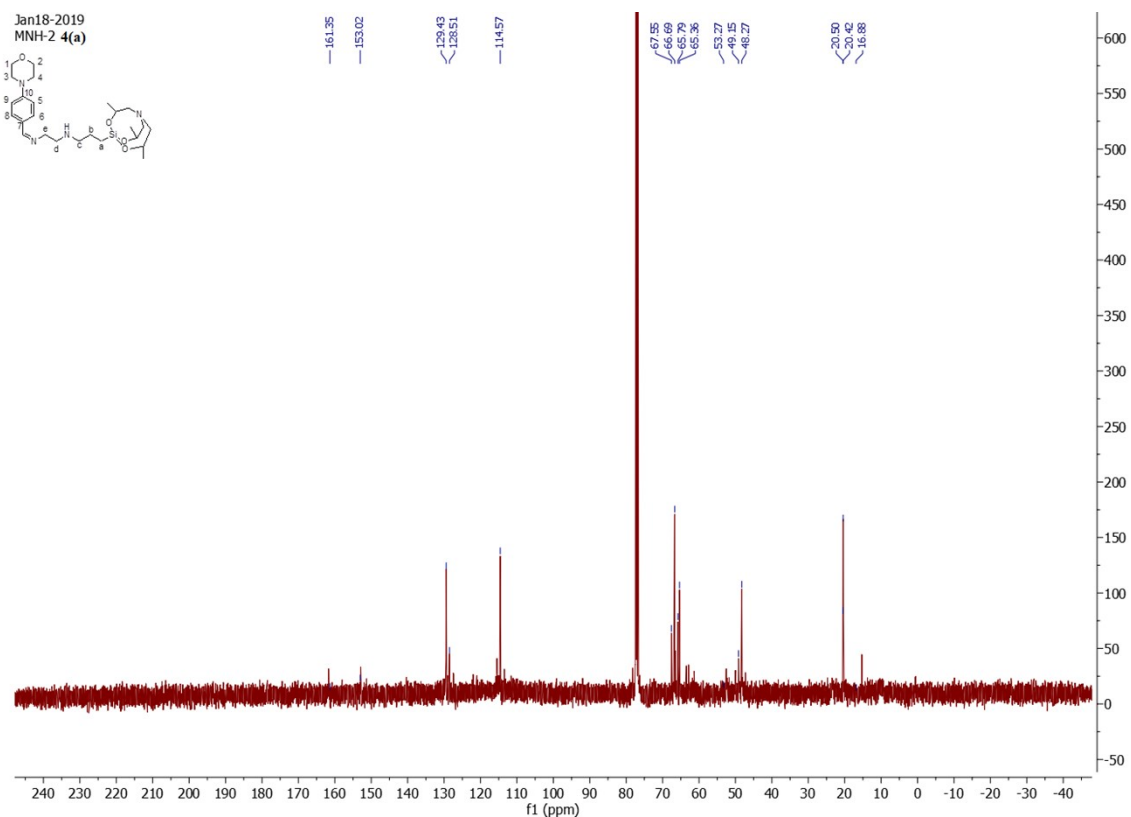


Fig.S4 ^{13}C NMR spectrum of compound 4a

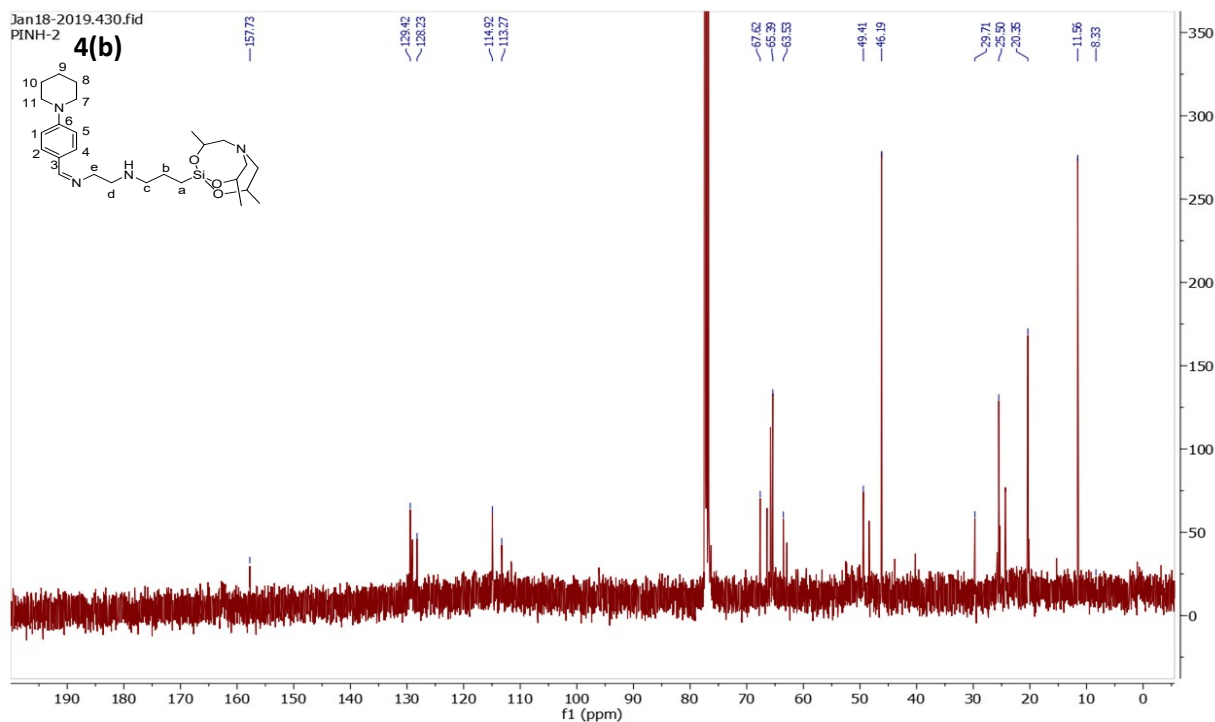


Fig.S5 ^{13}C NMR spectrum of compound **4b**

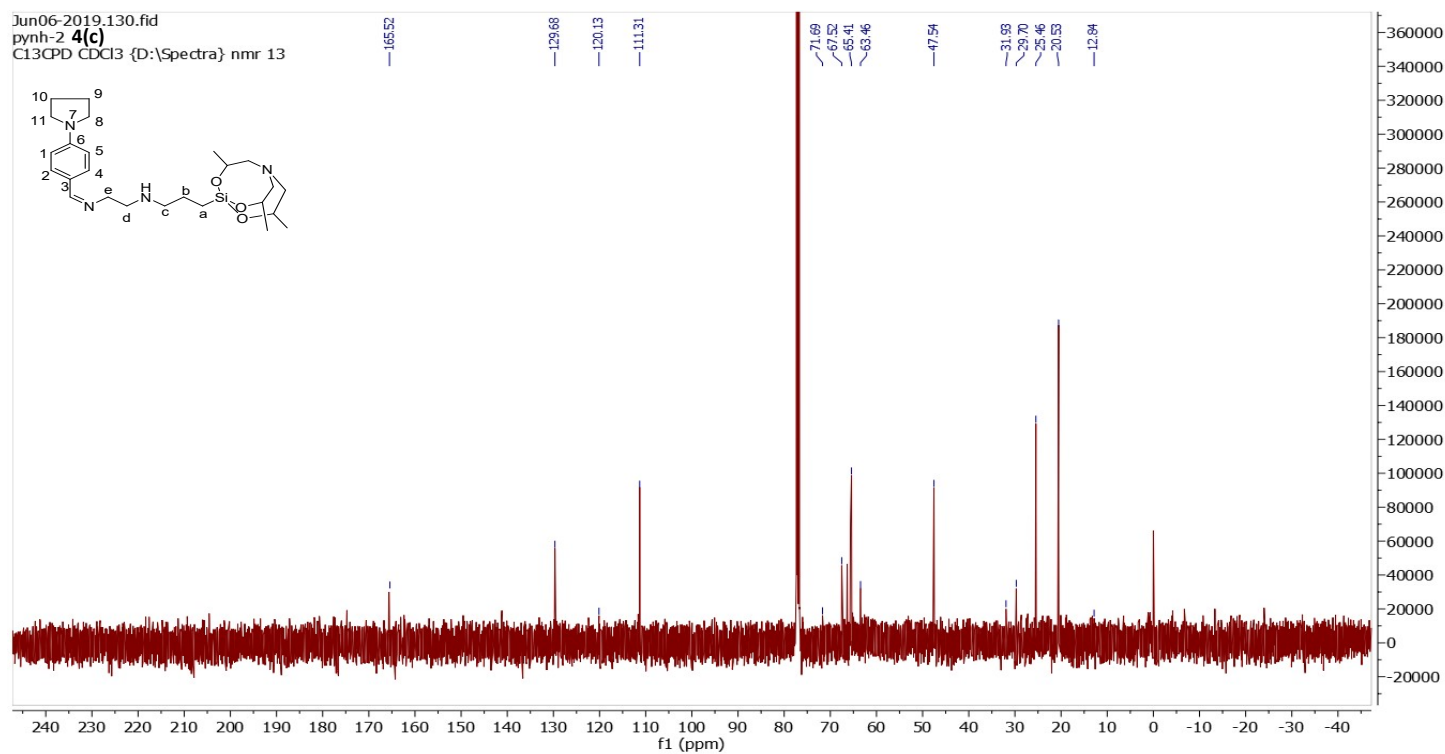


Fig.S6 ^{13}C NMR spectrum of compound **4c**

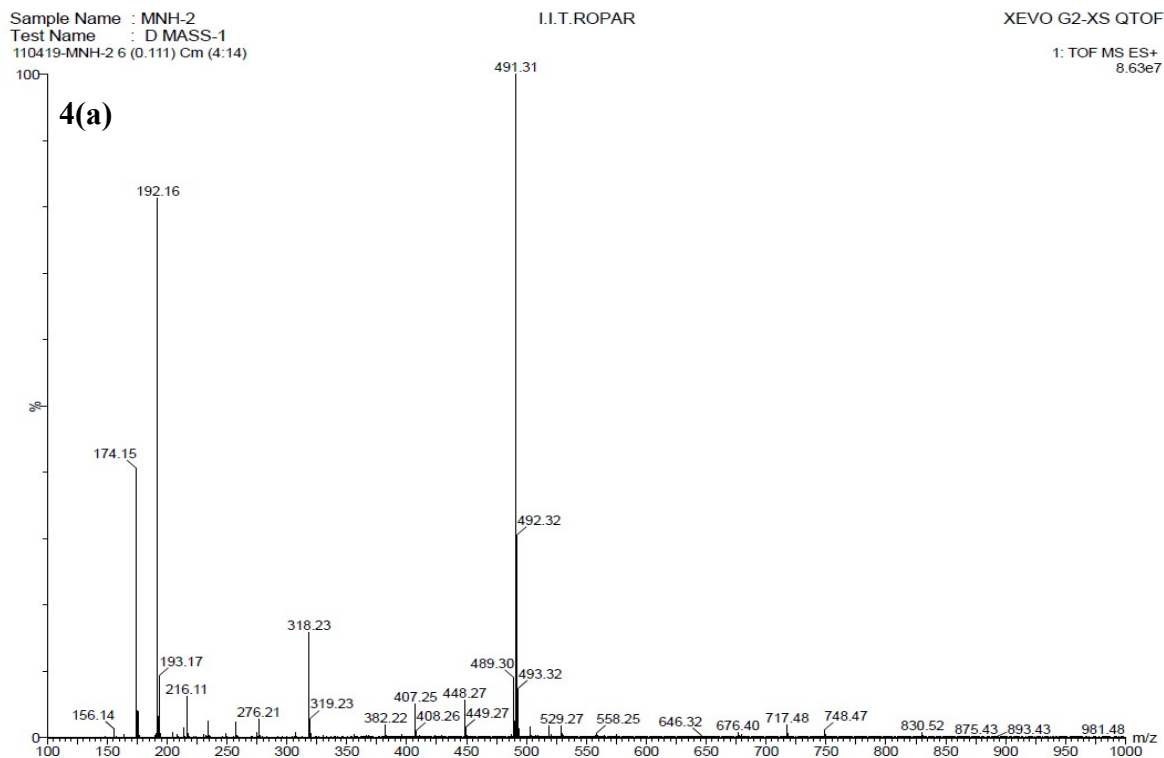


Fig.S7 Mass spectrum of compound 4a

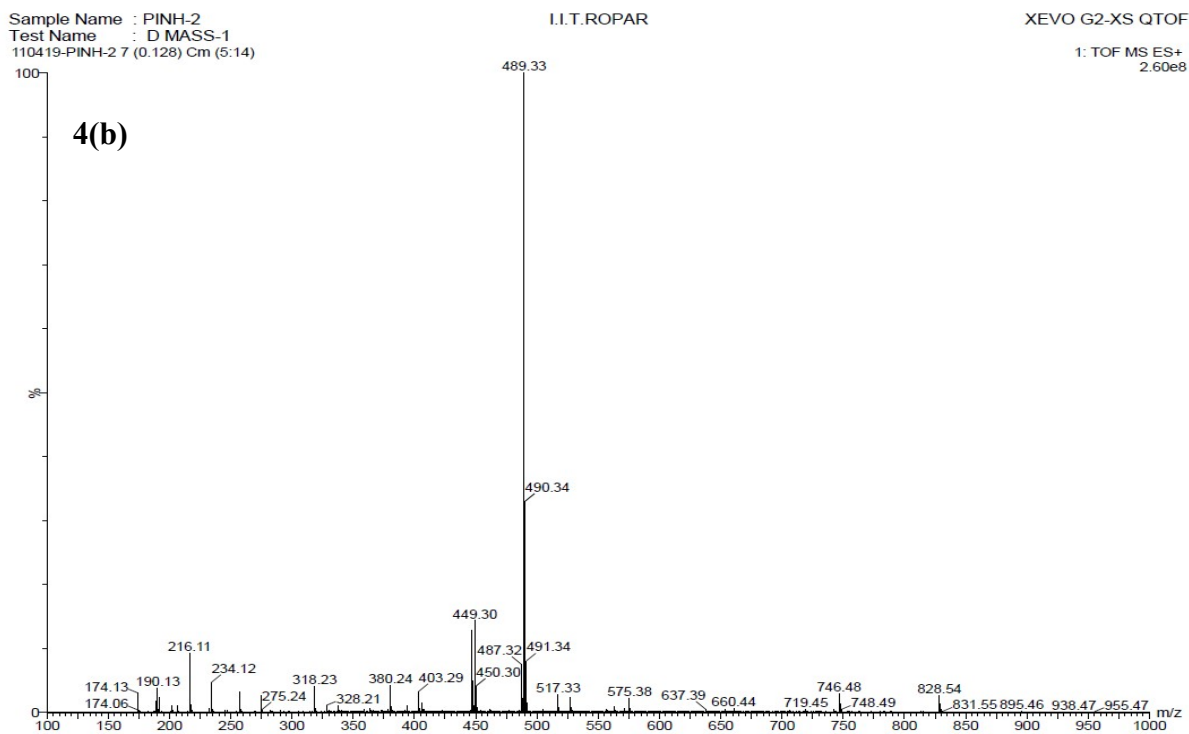


Fig.S8 Mass spectrum of compound 4b

Sample Name : PYNH-2
Test Name : D MASS-1
110419-PYNH-2 8 (0.145) Cm (8:15)

I.I.T.ROPAR

XEVO G2-XS QTOF

1: TOF MS ES+
7.91e7

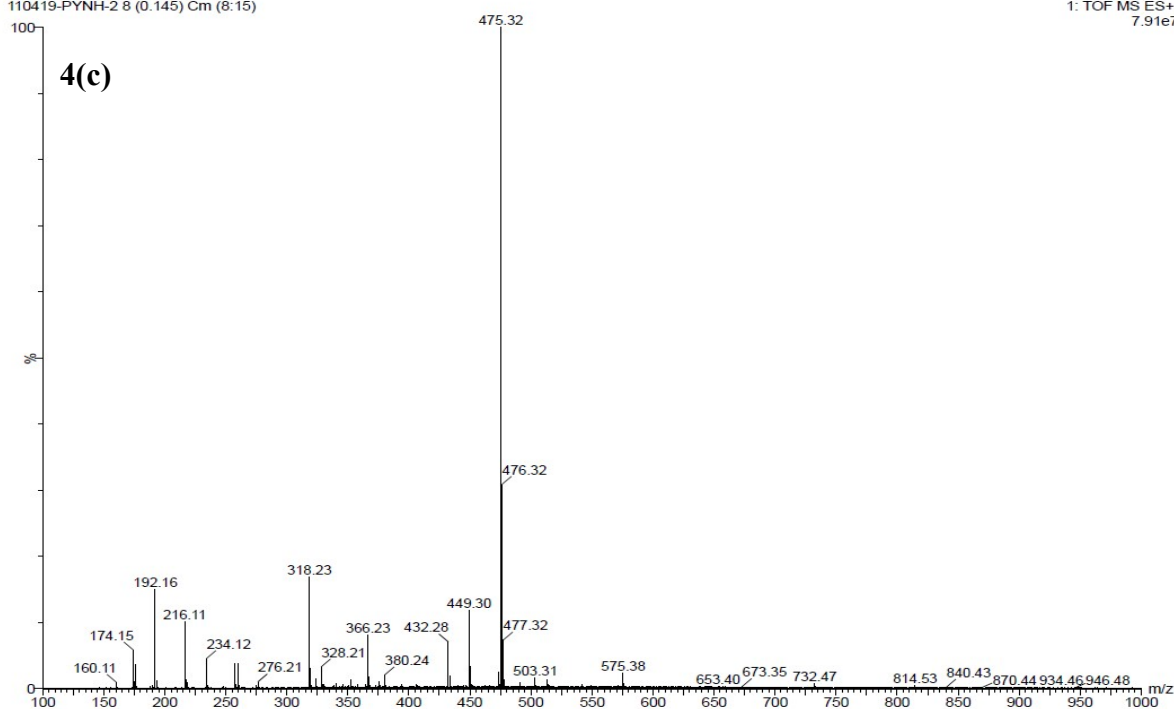


Fig.S9 Mass spectrum of compound 4c

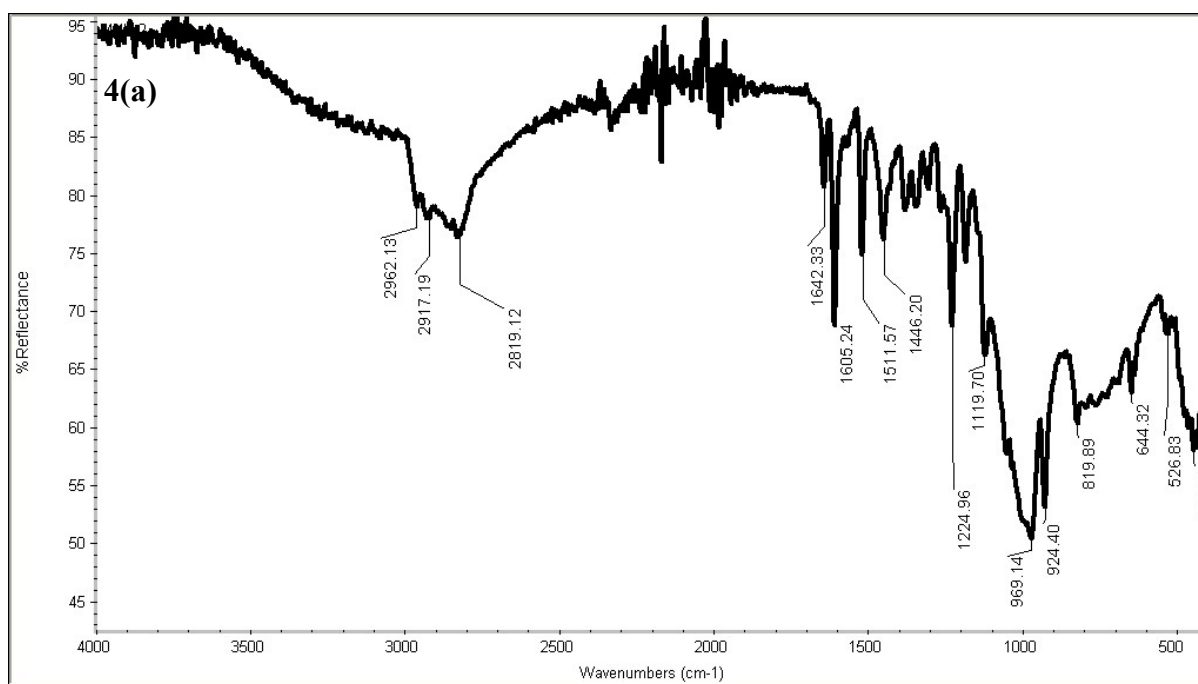


Fig.S10 IR spectrum of compound 4a

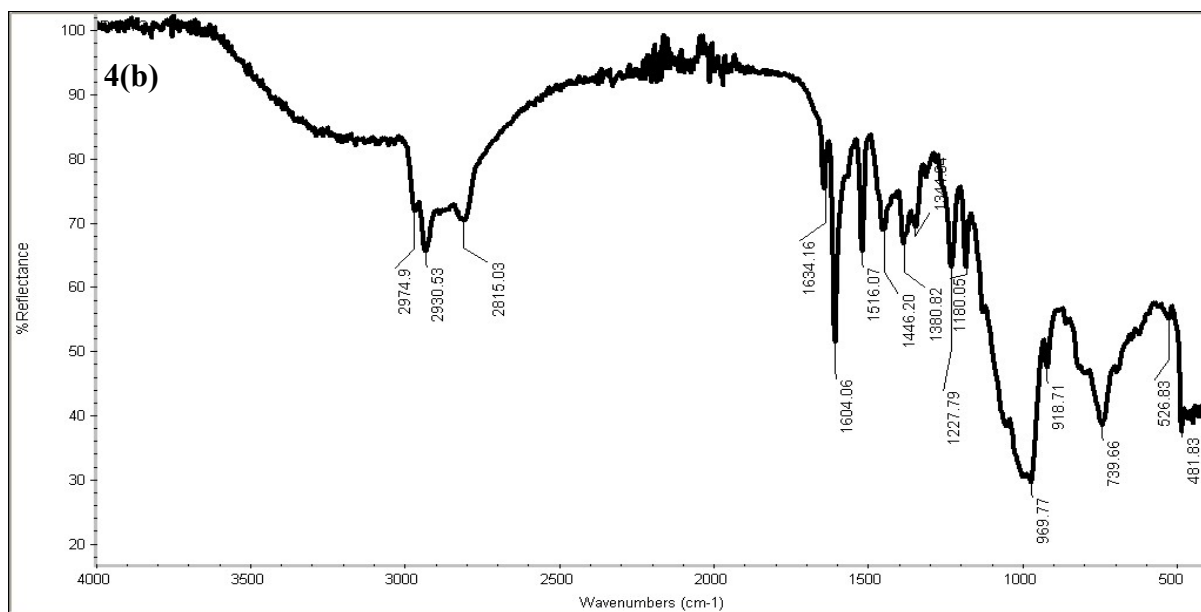


Fig.S11 IR spectrum of compound 4b

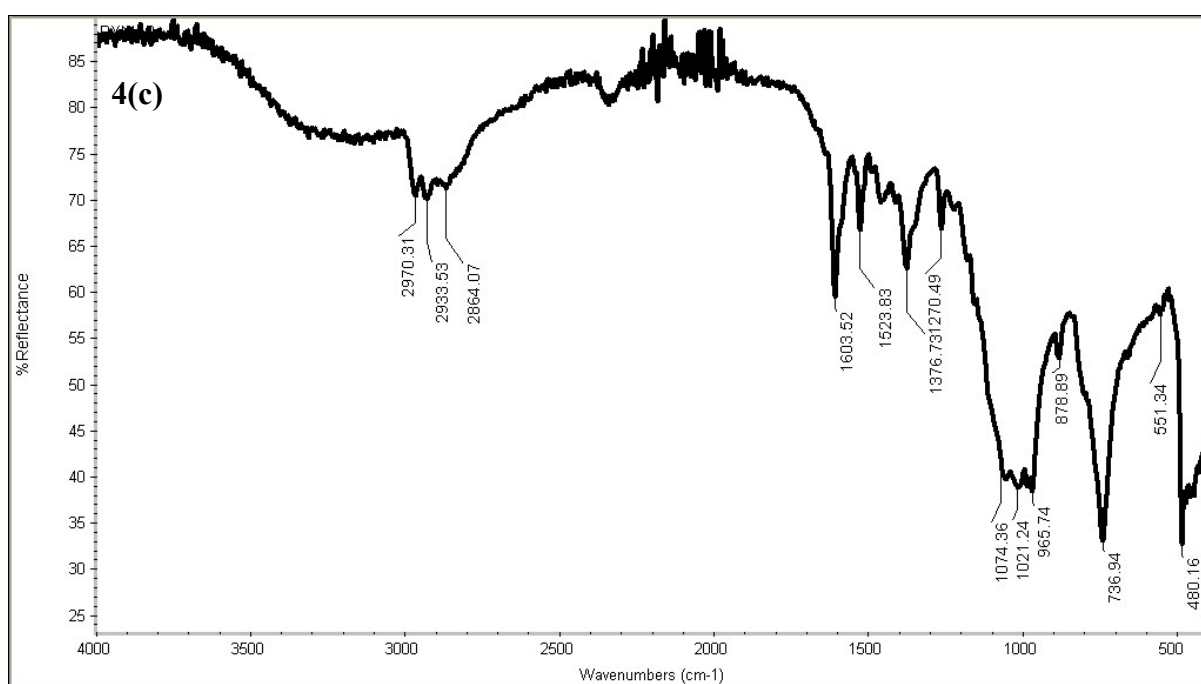


Fig.S12 IR spectrum of compound 4c