

Supplementary Information

Synthesis, spectral analysis and anti cancer activity of (E)-2-(4-((1-phenyl-1*H*-1,2,3-triazol-4-yl)methoxy)phenyl)-1-(benzo[d]thiazol-2-yl)diazene

Guttikonda Manasa & Satheesh Kumar Nukala*

Department of Chemistry, Chaitanya (Deemed to be University) Hanumakonda, Telangana 506 001, India

E-mail: satheeshkumar.n.9@gmail.com

Received 12 January 2024; accepted (revised) 29 July 2024

List	Page no.
Compounds Characterisation	
1. Figure S1 Mass spectra of compound VI-a	2
2. Figure S2 ¹³ C NMR spectra of compound VI-a	2
3. Figure S3 ¹ H NMR spectra of compound VI-a	3
4. Figure S4 Mass spectra of compound VI-e	3
5. Figure S5 ¹ H NMR spectra of compound VI-e	4
6. Figure S6 ¹³ C NMR spectra of compound VI-e	4
7. Figure S7 Mass spectra of compound VI-h	5
8. Figure S8 ¹ H NMR spectra of compound VI-h	5
9. Figure S9 ¹³ C NMR spectra of compound VI-h	6

Some Spectra of Synthesized Compounds:

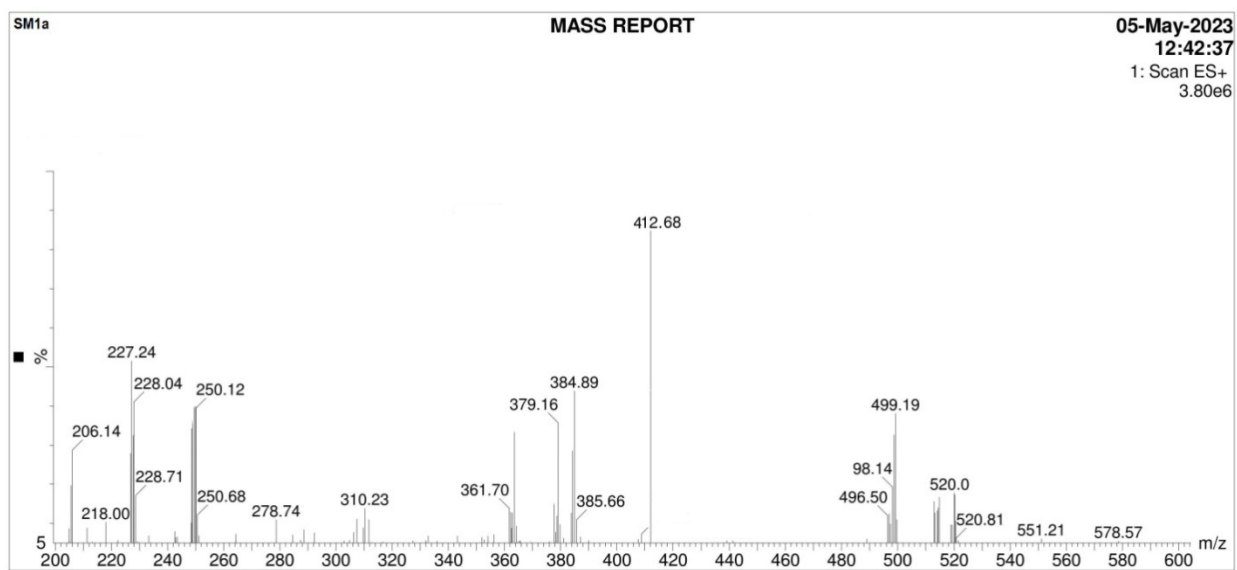


Figure S1 Mass spectra of compound VI-a

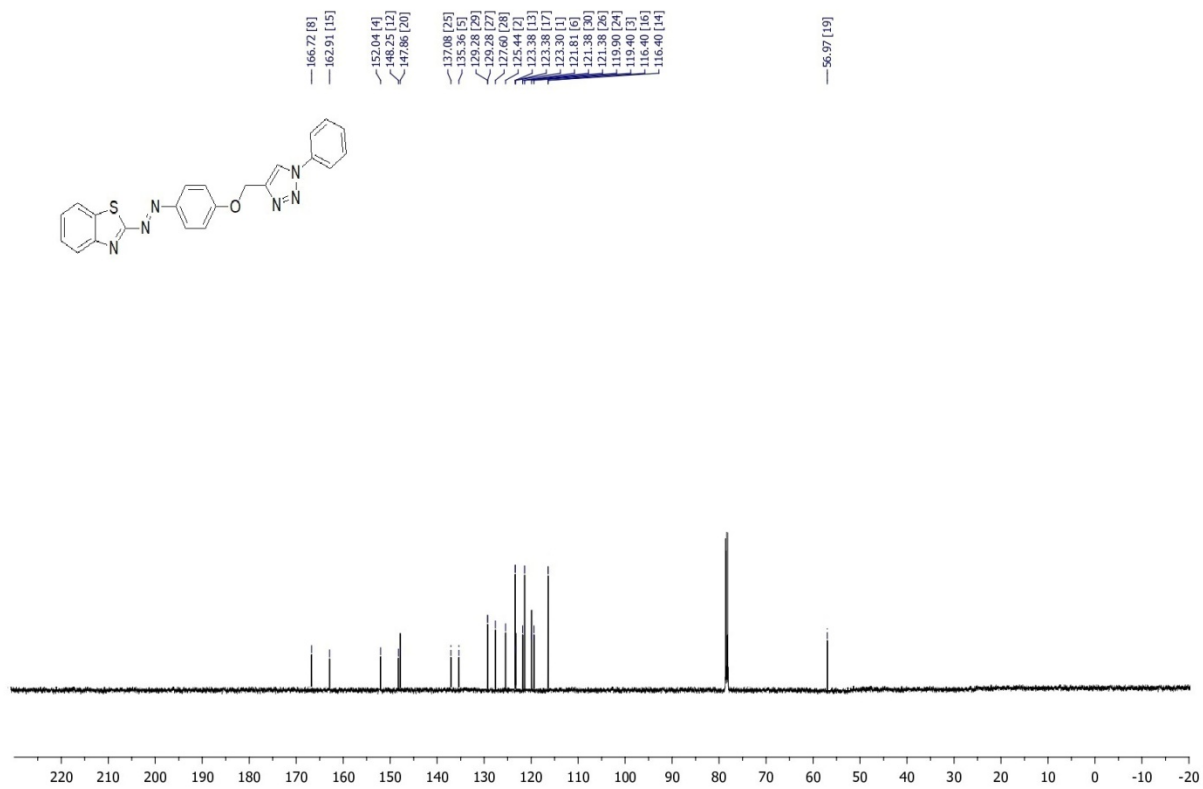


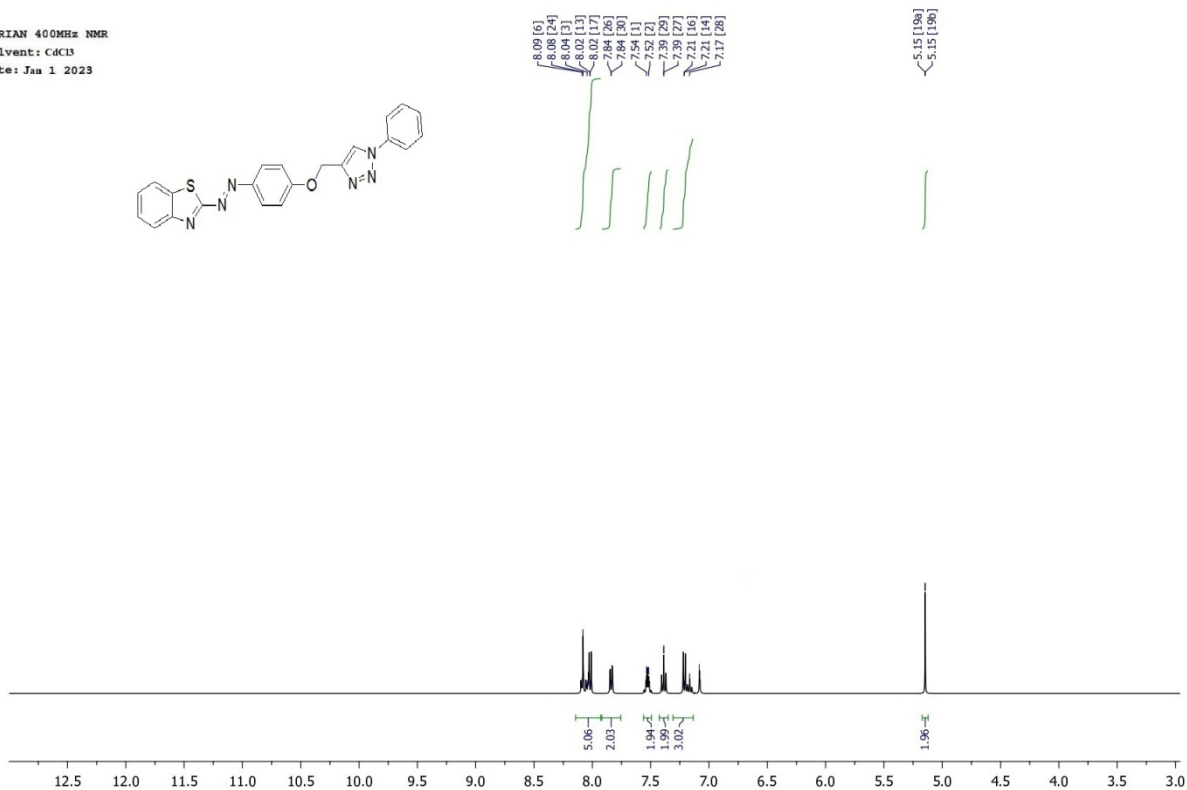
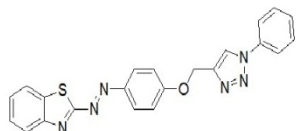
Figure S2 ^{13}C NMR spectra of compound VI-a

Sample code: SM1a

VARIAN 400MHz NMR

Solvent: CDCl₃

Date: Jan 1 2023



Plotname: SM1a_PROTON_01_plot01

Figure S3 ¹H NMR spectra of compound VI-a

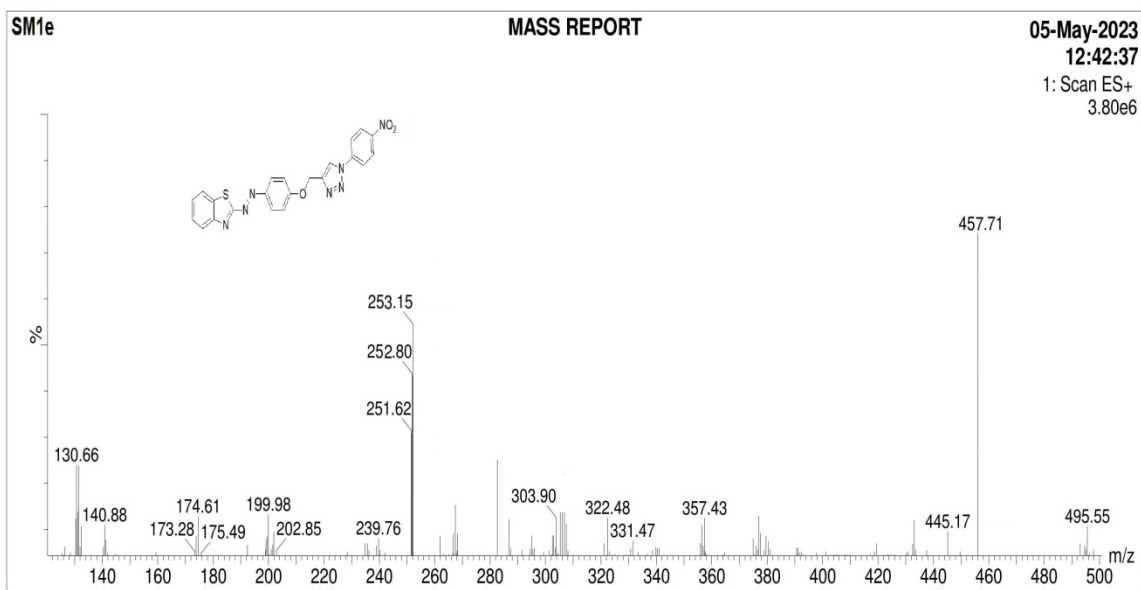
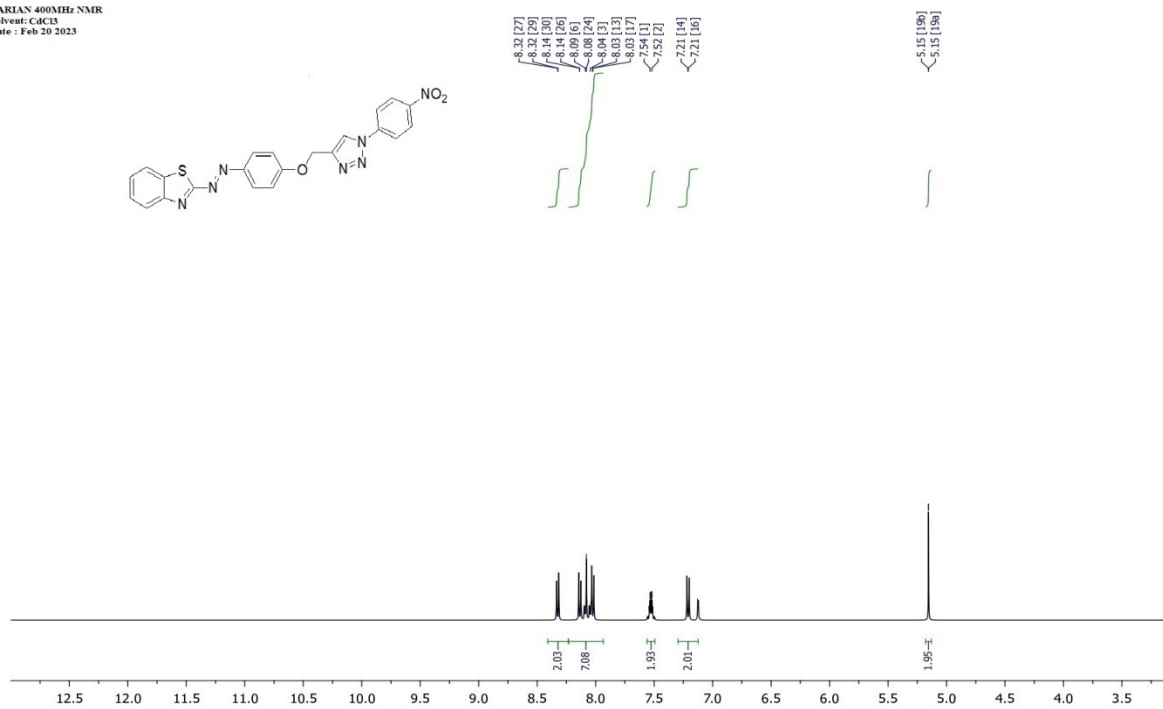


Figure S4 Mass spectra of compound VI-e

Sample code: SM1e

VARIAN 400MHz NMR
Solvent: CDCl3
Date : Feb 20 2023



plotname: SM1e_PROTON_01_plot01

Figure S5 ¹H NMR spectra of compound VI-e

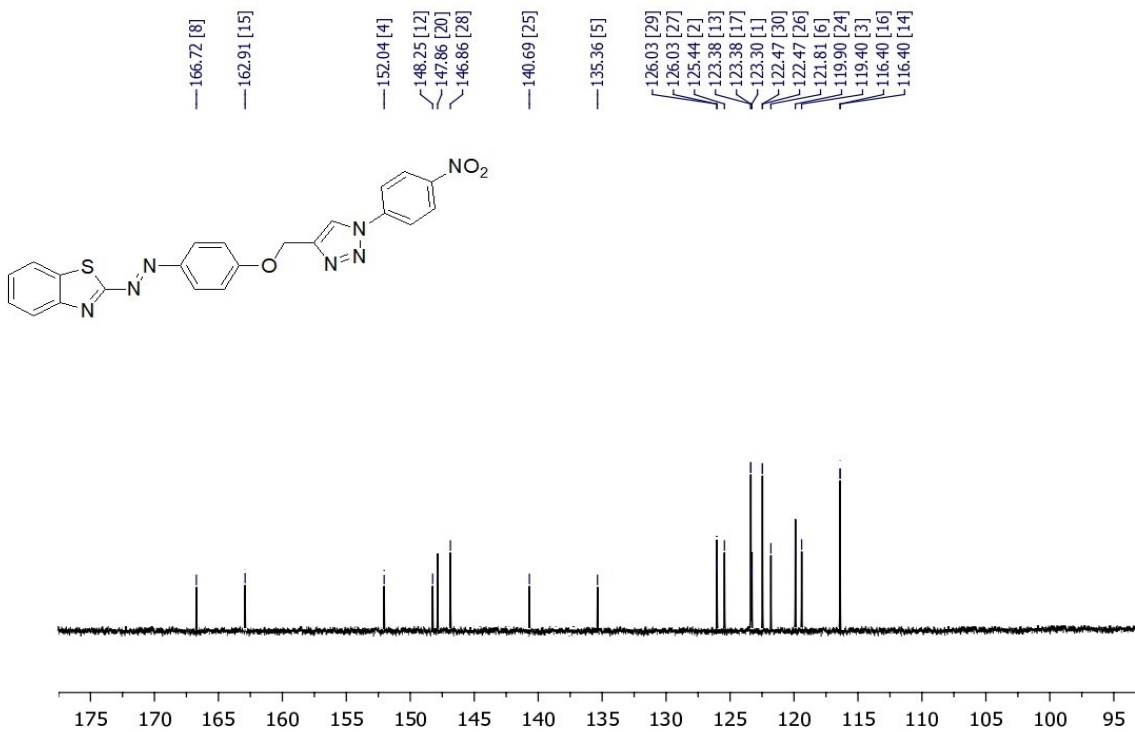


Figure S6 ¹³C NMR spectra of compound VI-e

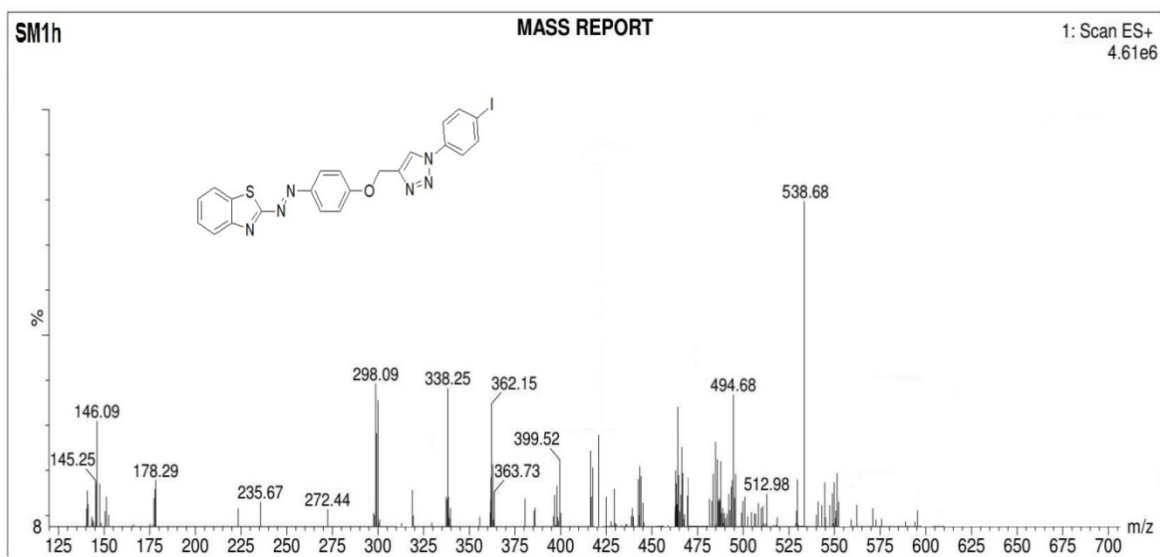
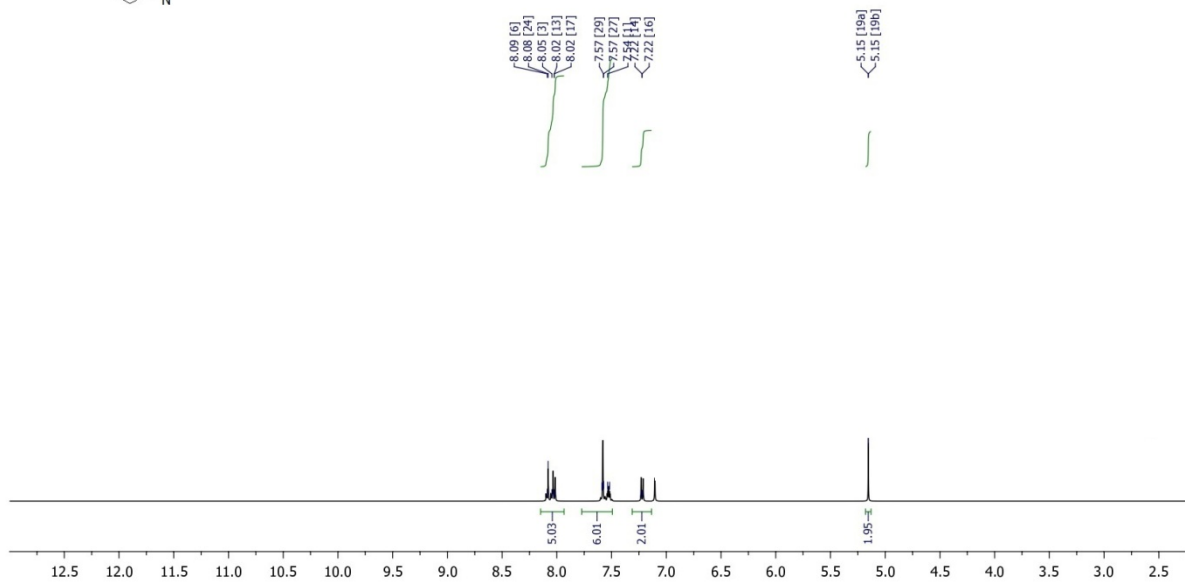
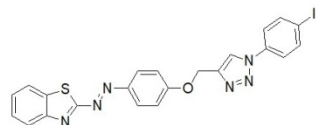


Figure S7 Mass spectra of compound VI-h

Sample code: SM1h

VARIAN 400MHz NMR
Solvent: CDCl₃
Date : Feb 25 2023



Plotname: SM1h_PROTON_01_Plot01

Figure S8 ¹H NMR spectra of compound VI-h

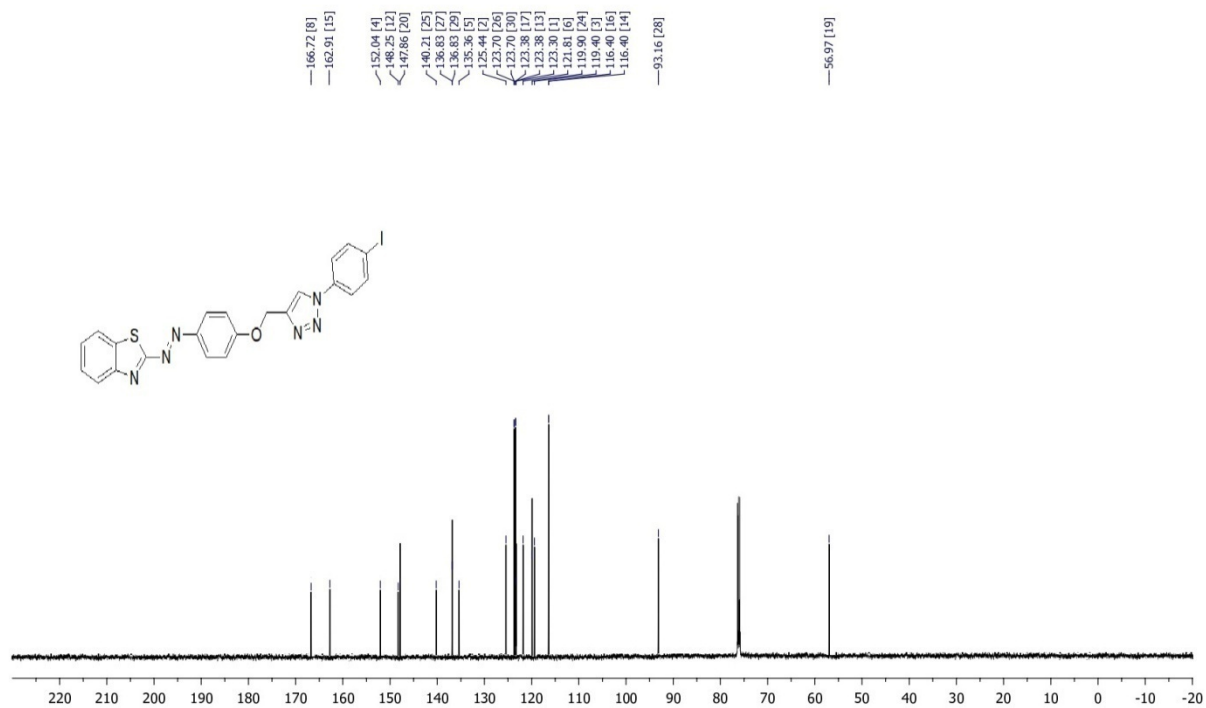


Figure S9 ^{13}C NMR spectra of compound VI-h