Supporting Information

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The anti-pathogenic activity and DNA gyrase inhibition of freshwater crabs (Barytelphusa cunicularis) are related to their structure-activity relationship

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Table of Contents	Page
Figure S1: HPLC results for compound 1 `	3
Figure S2: Elemental analysis results for compound 1	3
Figure S3: UV-visible analysis result for isolated compound 1	4
Figure S4: FTIR analysis results for isolated compound 1	4
Figure S5: ¹ HNMR Spectral result for isolated compound 1	5
Figure S6: ¹³ CNMR spectral result for isolated compound 1	5
Figure S7: LC-MS spectral data for isolated compound 1	6
Figure S8: HPLC results for compound 2	7
Figure S9: Elemental analysis results for compound 2	7
Figure S10: UV-visible analysis result for isolated compound 2	8
Figure S11: FTIR analysis results for isolated compound 2	8
Figure 12: ¹ HNMR Spectral result for isolated compound 2	9
Figure S13: ¹³ CNMR spectral result for isolated compound 2	9
Figure S14: LC-MS spectral data for isolated compound 2	10
Figure S15: HPLC results for compound 3	11
Figure S16: Elemental analysis results for compound 3	11
Figure S17: UV-visible analysis result for isolated compound 3	12
Figure S18: FTIR analysis results for isolated compound 3	12
Figure S19: ¹HNMR Spectral result for isolated compound 3	13
Figure S20: ¹³ CNMR spectral result for isolated compound 3	13
Figure S21: LC-MS spectral data for isolated compound 3	14
Figure S22: HPLC results for compound 4	15

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Figure S23: Elemental analysis results for compound 4	15
Figure S24: UV-visible analysis result for isolated compound 4	16
Figure S25: FTIR analysis results for isolated compound 4	16
Figure S26: ¹ HNMR Spectral result for isolated compound 4	17
Figure S27: ¹³ CNMR spectral result for isolated compound 4	17
Figure S28: LC-MS spectral data for isolated compound 4	18

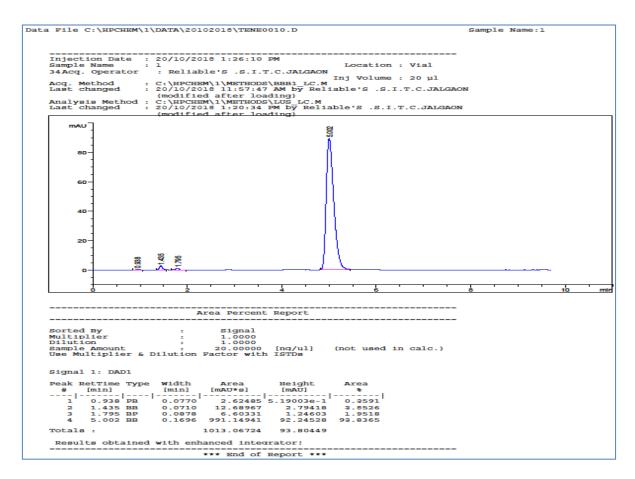


Figure S1: HPLC results for compound 1

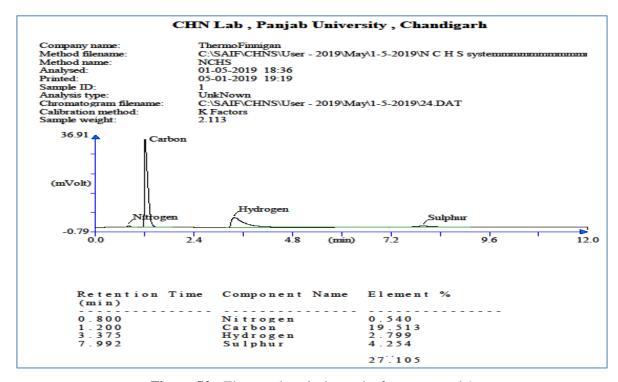


Figure S2: Elemental analysis results for compound 1

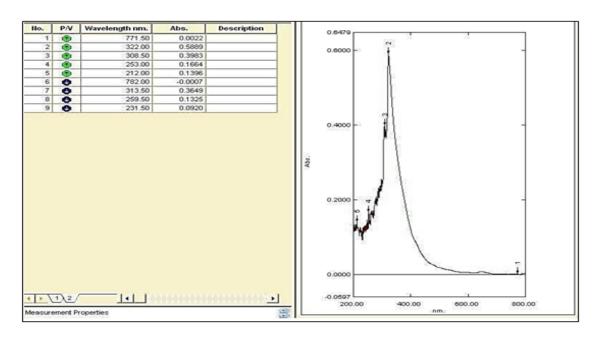


Figure S3: UV-visible analysis result for isolated compound 1

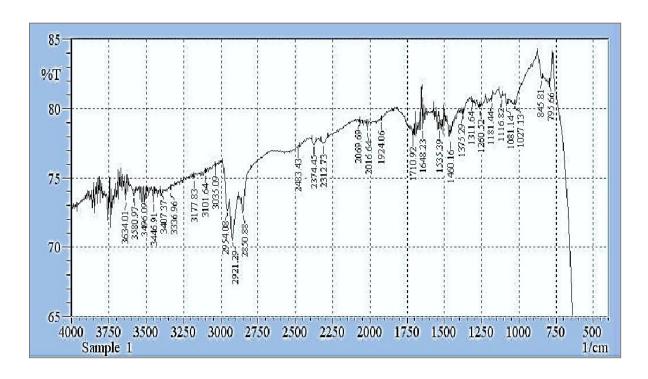


Figure S4: FTIR analysis results for isolated compound 1

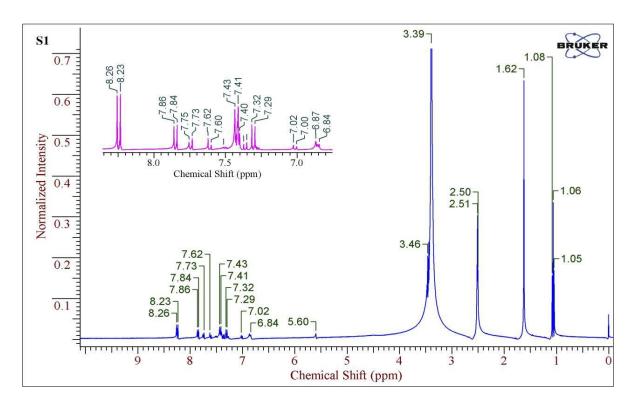


Figure S5: ¹HNMR Spectral result for isolated compound 1

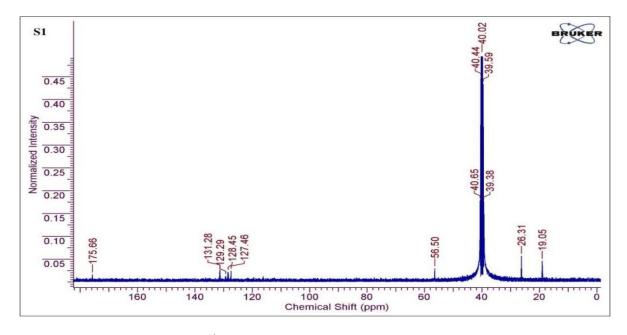


Figure S6: ¹³CNMR spectral result for isolated compound 1

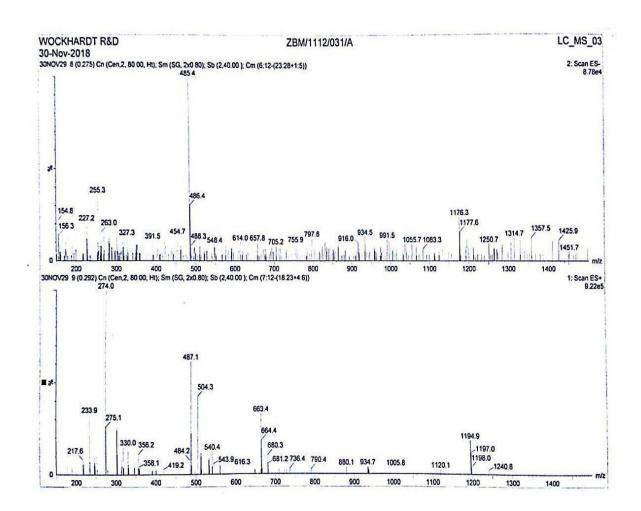


Figure S7: LC-MS spectral data for isolated compound 1

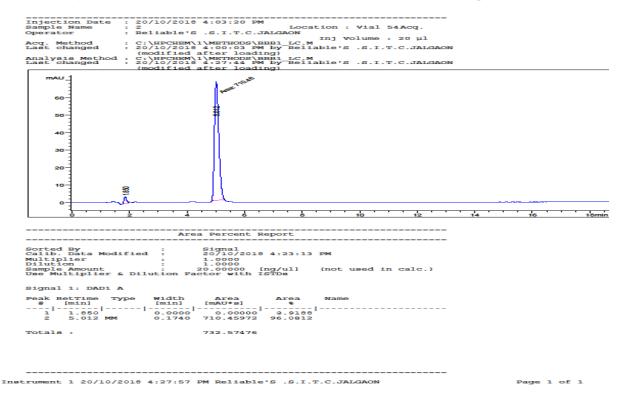


Figure S8: HPLC results for compound 2

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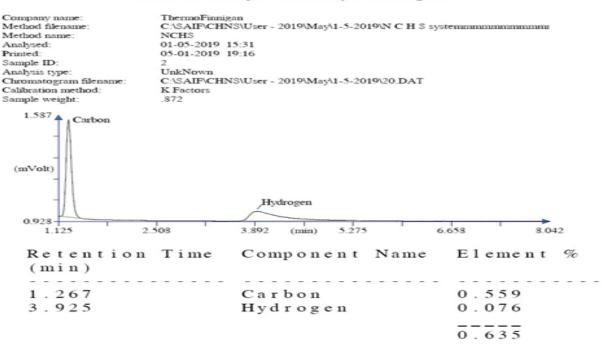


Figure S9: Elemental analysis results for compound 2

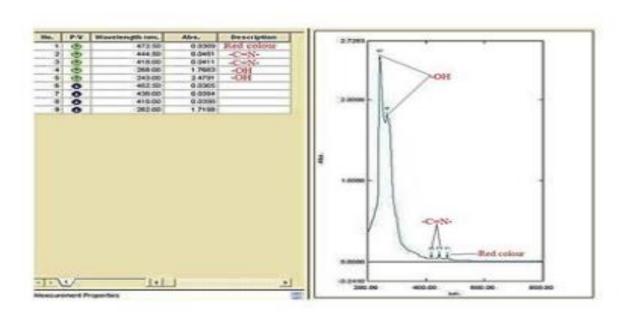


Figure S10: UV-visible analysis result for isolated compound 2

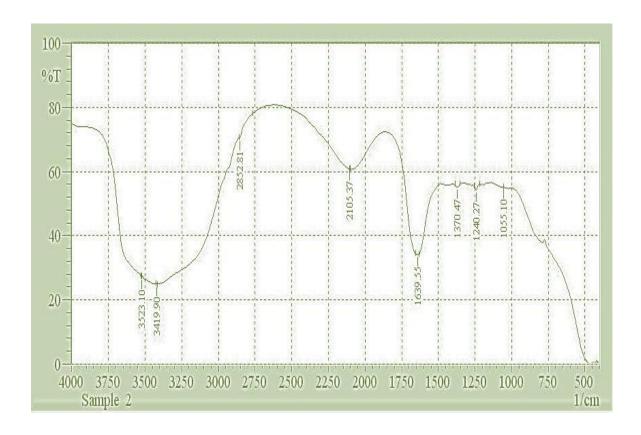


Figure S11: FTIR analysis results for isolated compound 2

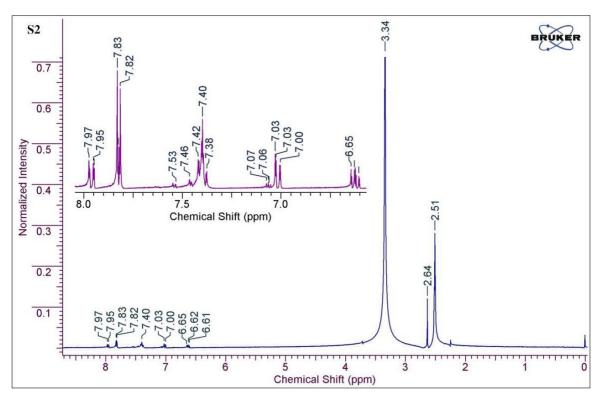


Figure 12: ¹HNMR Spectral result for isolated compound 2

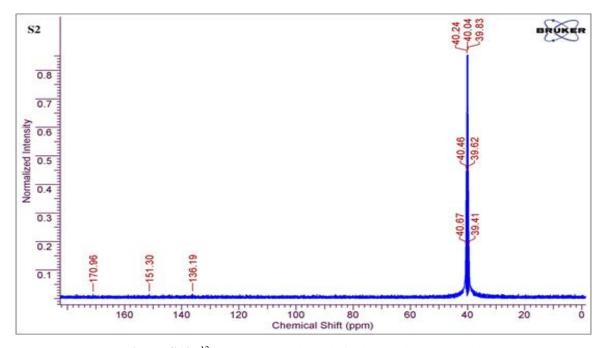


Figure S13: ¹³CNMR spectral result for isolated compound 2

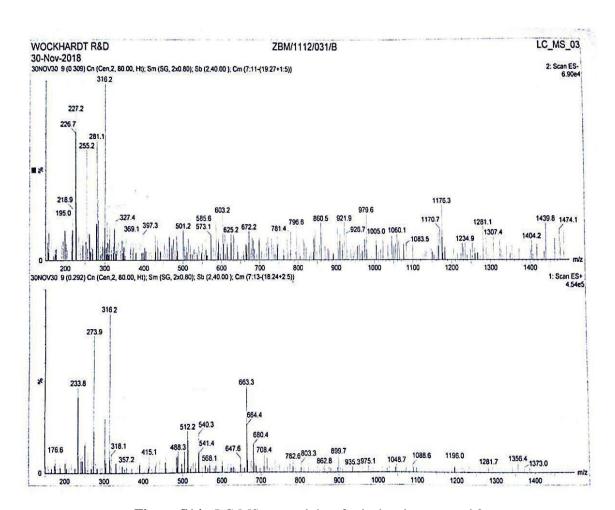


Figure S14: LC-MS spectral data for isolated compound 2

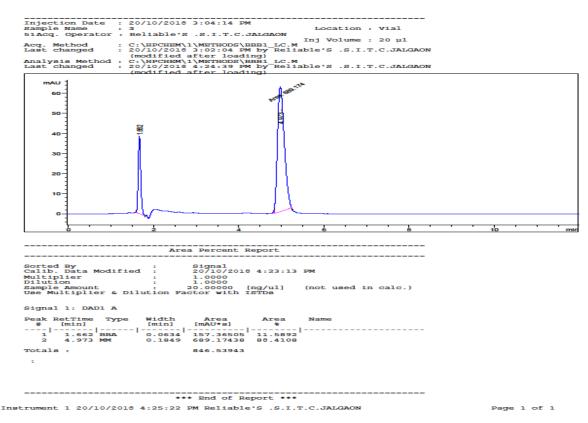


Figure S15: HPLC results for compound 3

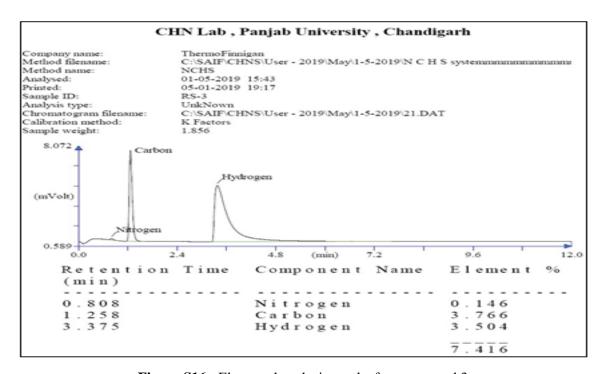


Figure S16: Elemental analysis results for compound 3

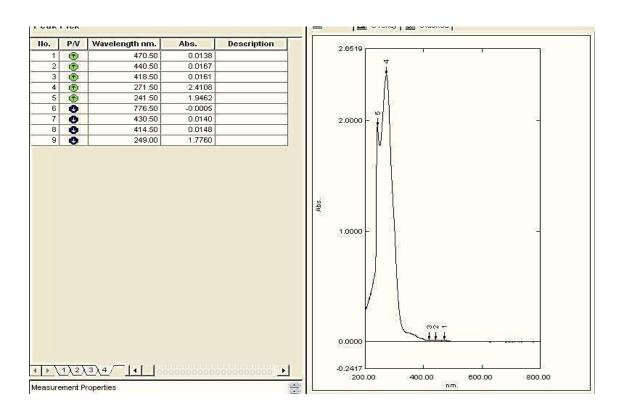


Figure S17: UV-visible analysis result for isolated compound 3

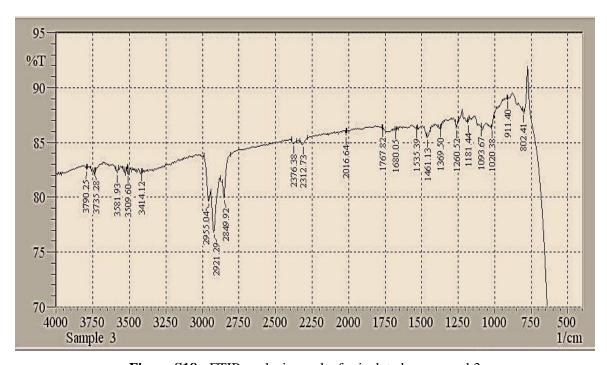


Figure S18: FTIR analysis results for isolated compound 3

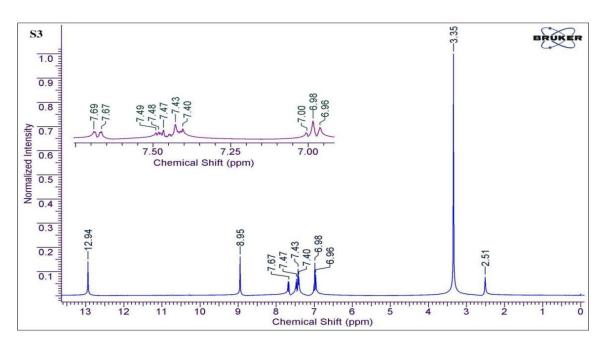


Figure S19: ¹HNMR Spectral result for isolated compound 3

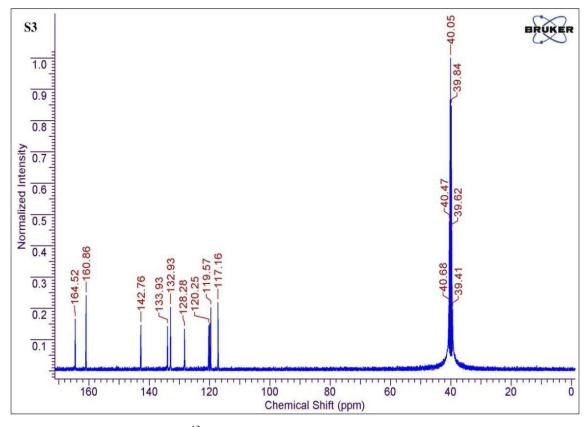


Figure S20: ¹³CNMR spectral result for isolated compound 3

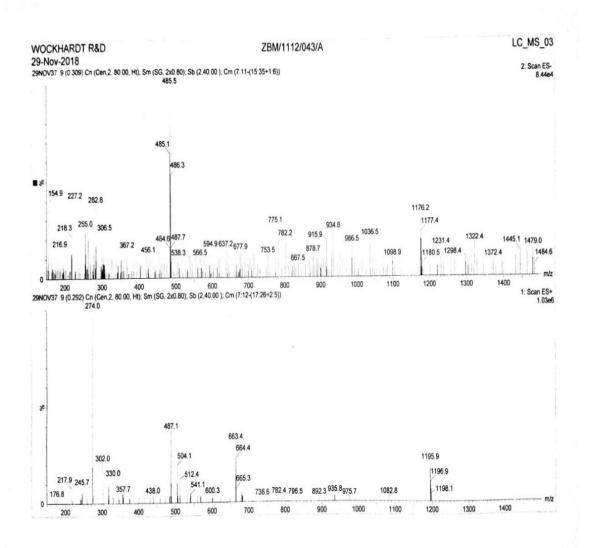


Figure S21: LC-MS spectral data for isolated compound 3

Page 1 of 2

Figure S22: HPLC results for compound 4

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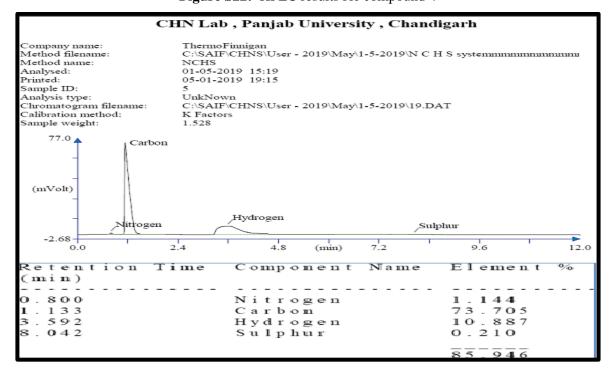


Figure S23: Elemental analysis results for compound 4

lo.	P/V	Wavelength nm.	Abs.	Description	1,1738	
a 1	(3)	769.50	-0.0002	-76	1.1730	
2	1	648.00	0.0130			10
3	1	503.00	0.0048			100
4	1	487.00	0.0055		1.0000 -	25
5	1	319.50	1.0670		11.0000	
6	1	306.00	0.1890			J
7	1	270.50	0.1016			
8	1	265.00	0.0981			
9	130	246.00	0.0825			
10	•	765.50	-0.0013			

Figure S24: UV-visible analysis result for isolated compound 4

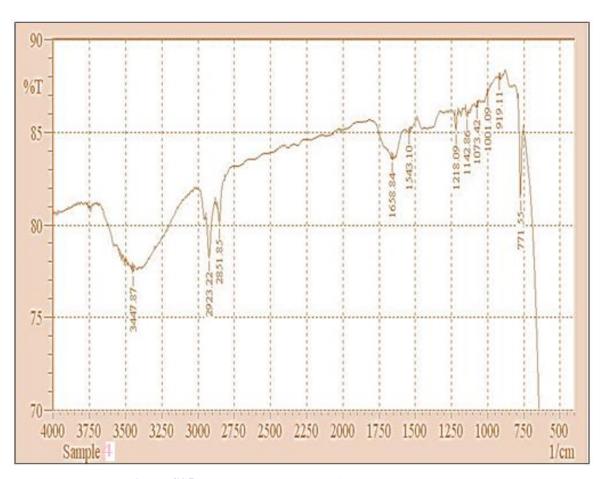


Figure S25: FTIR analysis results for isolated compound 4

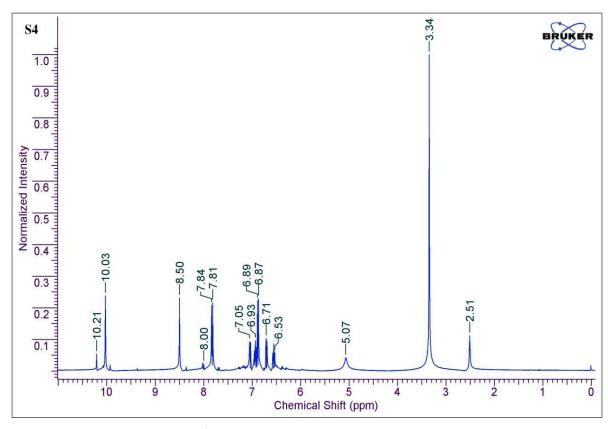


Figure S26: ¹HNMR Spectral result for isolated compound 4

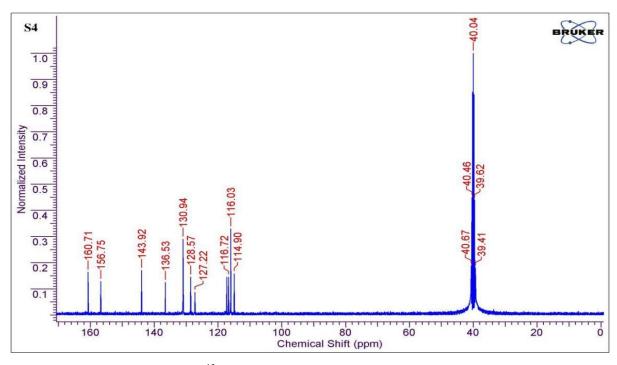


Figure S27: ¹³CNMR spectral result for isolated compound 4

Figure S28: LC-MS spectral data for isolated compound 4