

## Supporting Information

*Rec. Nat. Prod.* 10:4 (2016) 437-440

### Three Naphthoquinones from *Streptomyces* sp. XZYN-4

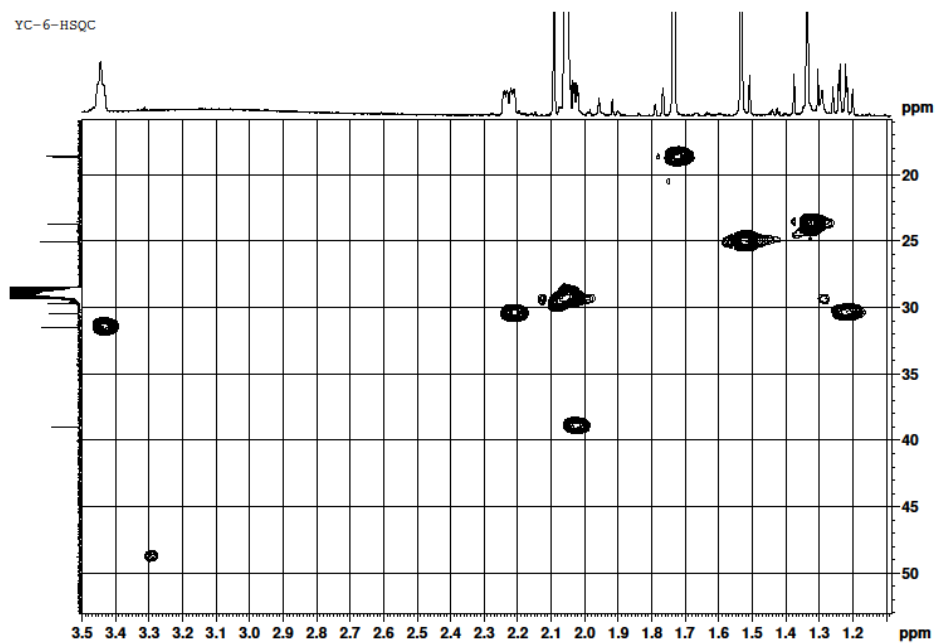
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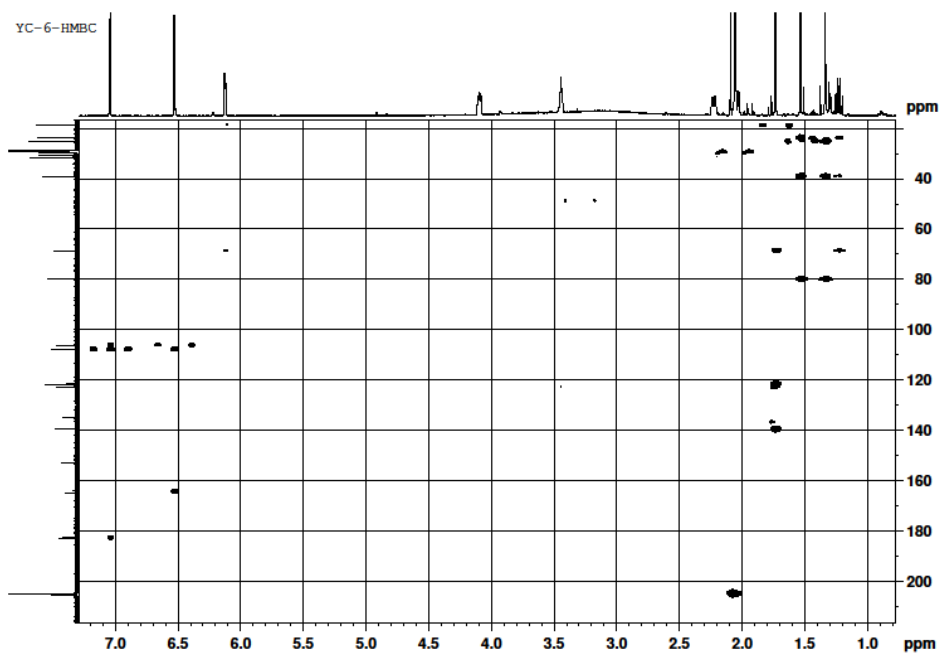
<sup>2</sup>School of Life Sciences, Xiamen University, Xiamen, Fujian 361005, China

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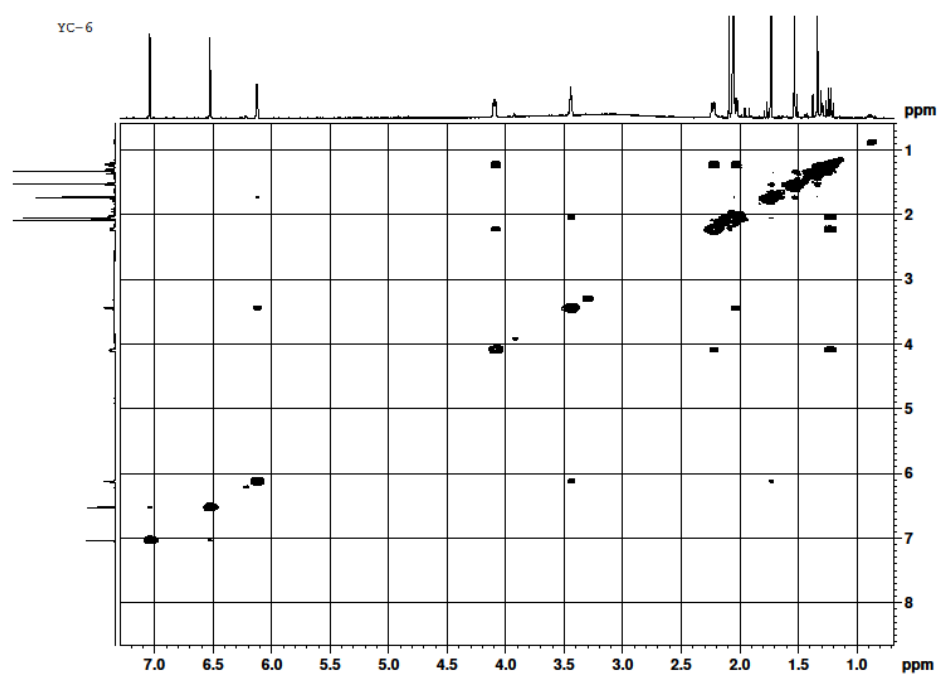




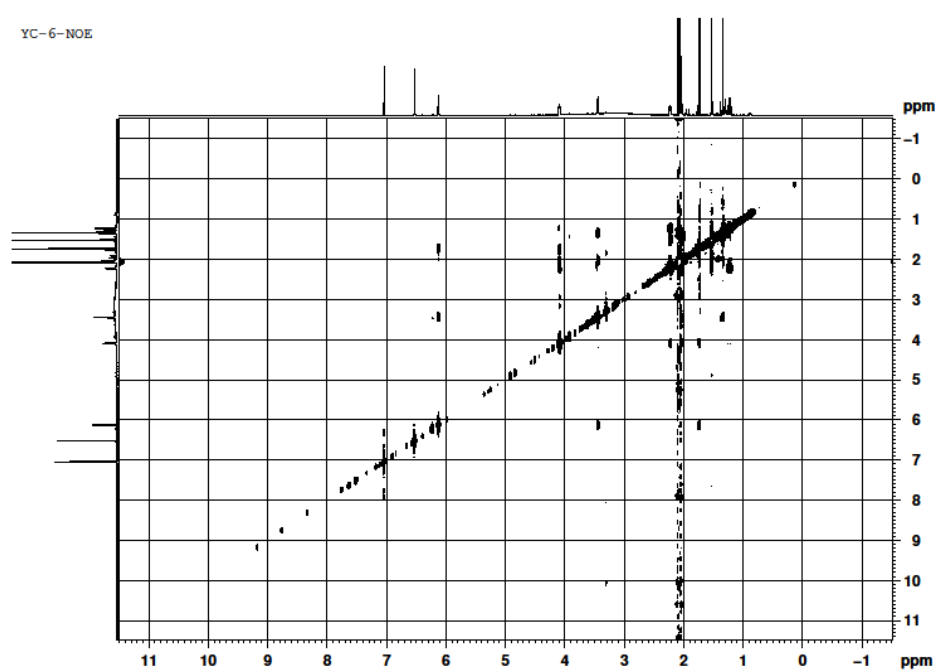
S3: HSQC (600 MHz) Spectrum of Compound 1



S4: HMBC (600 MHz) Spectrum of Compound 1

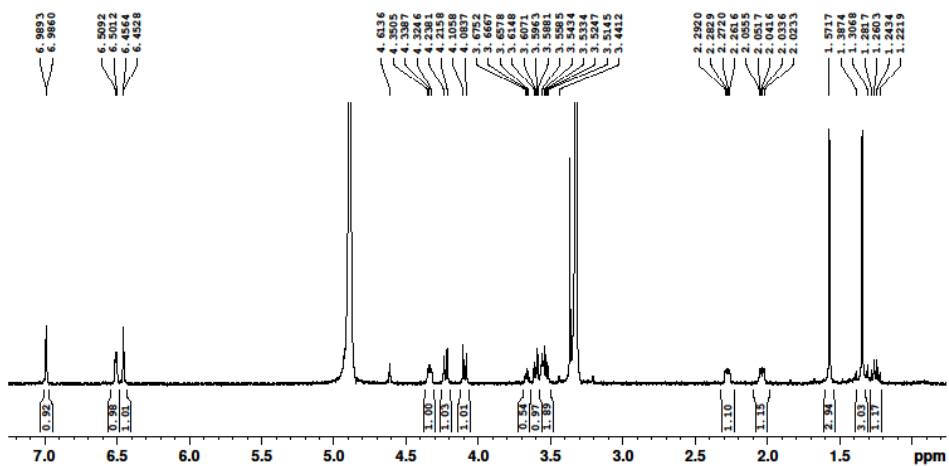


**S5:** COSY Spectrum of Compound 1



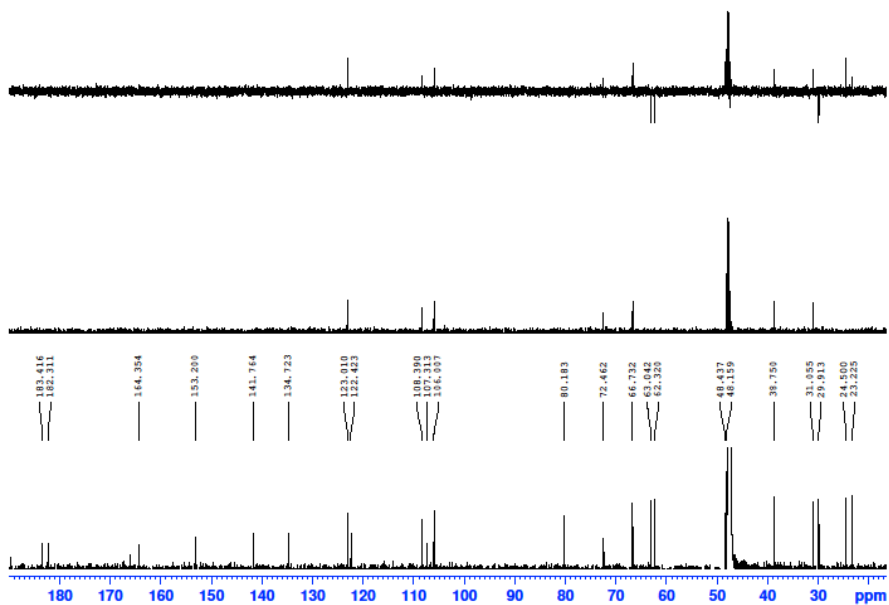
**S6:** NOE Spectrum of Compound 1

YC-3-B



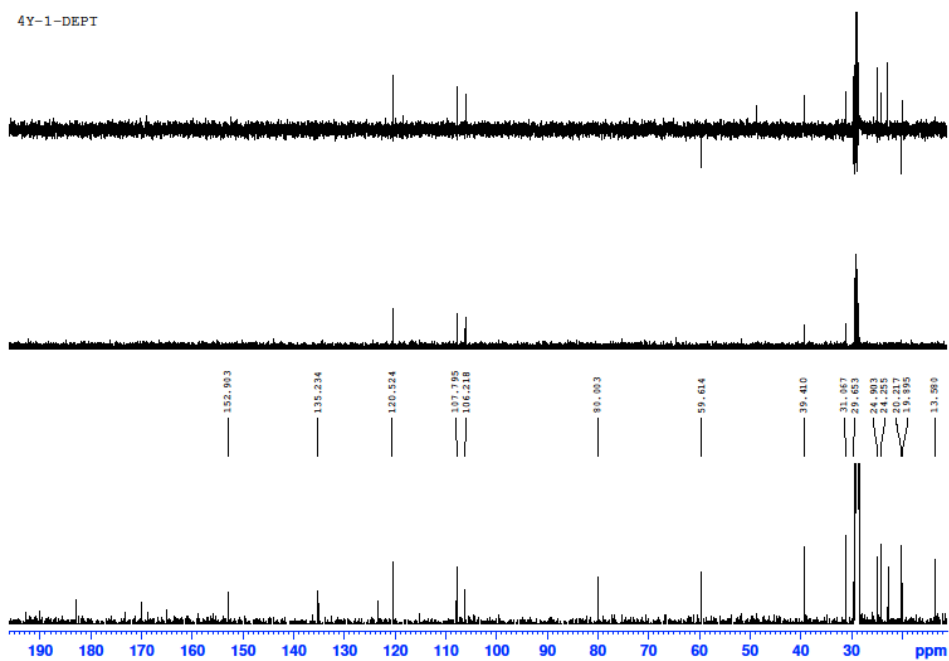
S7: <sup>1</sup>H-NMR (600 MHz, acetone-d<sub>6</sub>) Spectrum of Compound 2

YC-3-B

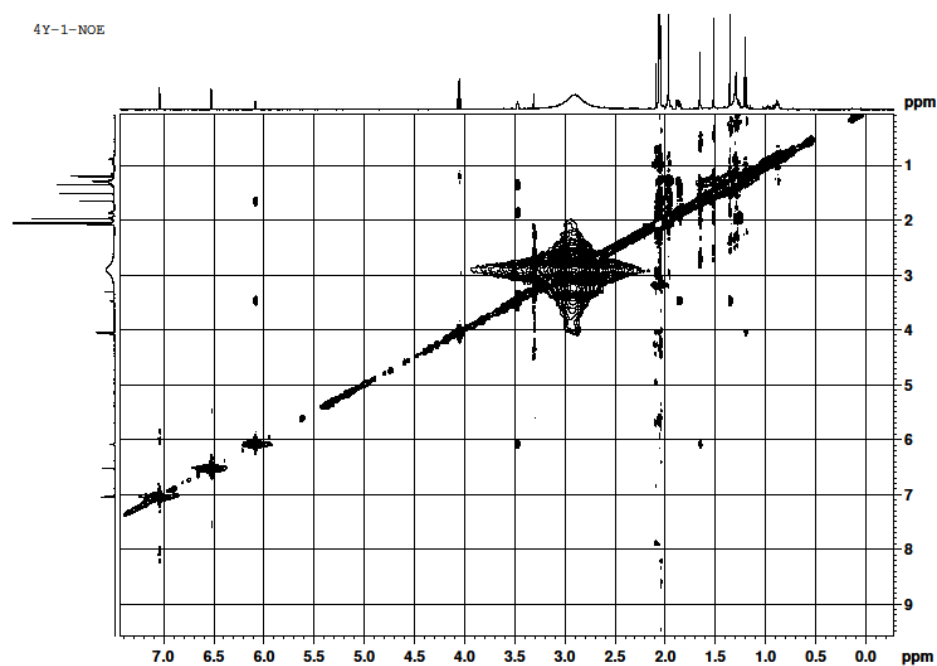


S8: <sup>13</sup>C-NMR Spectrum of Compound 2





S11 :  $^{13}\text{C}$ -NMR Spectrum of Compound 3

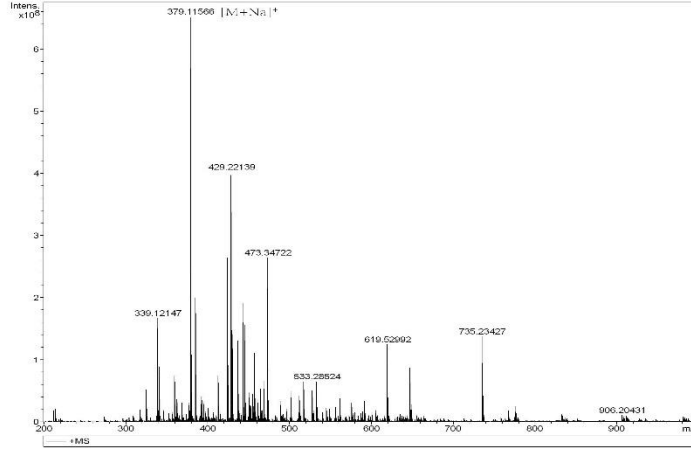


S12: NOE Spectrum of Compound 3

Display Report

Analysis Info  
 Analysis Name: D:\Data\origin data\life\hengzhonghui\cc20110411\esi\_pos\_cc\_20110411\_000011.d  
 Method: APEX\_Pos\_NaFA\_400\_20100407  
 Sample Name:   
 Comment:   
 Acquisition Date: 4/11/2011 11:10:32  
 Operator:   
 Instrument: apex-Ultra

Acquisition Parameter  
 Polarity: Positive  
 Averaged Scans: 8  
 Broadband Low Mass: 200.7 m/z  
 Broadband High Mass: 1000.0 m/z  
 Acquisition Mode: Single MS  
 Pulse Program: basic  
 Source Accumulation: 0.0 sec  
 Ion Accumulation Time: 0.5 sec  
 Flight Time to Acq. Cell: 0.0 sec  
 Source: No. of Cell Fills: 1  
 End Plate: 3000.0 V  
 Capillary Entrance: 4400.0 V  
 Skimmer I: 36.0 V  
 Drying Gas Temperature: 180.0 °C  
 Drying Gas Flow Rate: 5.0 L/min  
 Nebulizer Gas Flow Rate: 1.5 L/min  
 No. of Laser Shots: 20  
 Laser Power: 51.0 %  
 MALDI Plate: 300.0 V  
 Imaging Spot Diameter: 2000.0 µm  
 Calibration Date: Wed Mar 30 03:13:59  
 Data Acquisition Size: 2048x75  
 Sine-Bell Multiplication:



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Display Report

m/z	z	I	Ref.
335.15432		30634432	113194
339.12147		107534800	152451
341.26610	1*	85565672	156497
360.32392		74101248	187159
379.00281		94708668	151054
379.11566		852036384	146277
380.11694		122252520	151031
385.29288		206832704	121207
411.32542		74039530	136263
424.08540		294417200	122755
425.28397		71044939	133663
429.06327		55334994	125177
429.19398		53000236	133738
429.22139		402286948	130148
429.21658		113749056	114626
429.32116		272406528	154588
430.22469		13989112	155725
437.18546		130531296	134067
443.06091		191560256	131370
445.18119		150789480	133443
457.35213		116072532	127969
469.24112		32376264	117171
488.39185		63385984	108738
473.34722		264396384	131606
517.37666		64540376	114806
533.28274		64771908	111838
610.52002		24637020	67443
647.66027		87087488	78228
735.23427		131757948	88864
735.24620		59446484	104447

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S13: The HRESIMS Spectrum for Compound 1