

Activation of Nrf2 by costunolide provides neuroprotective effect in PC12 Cells

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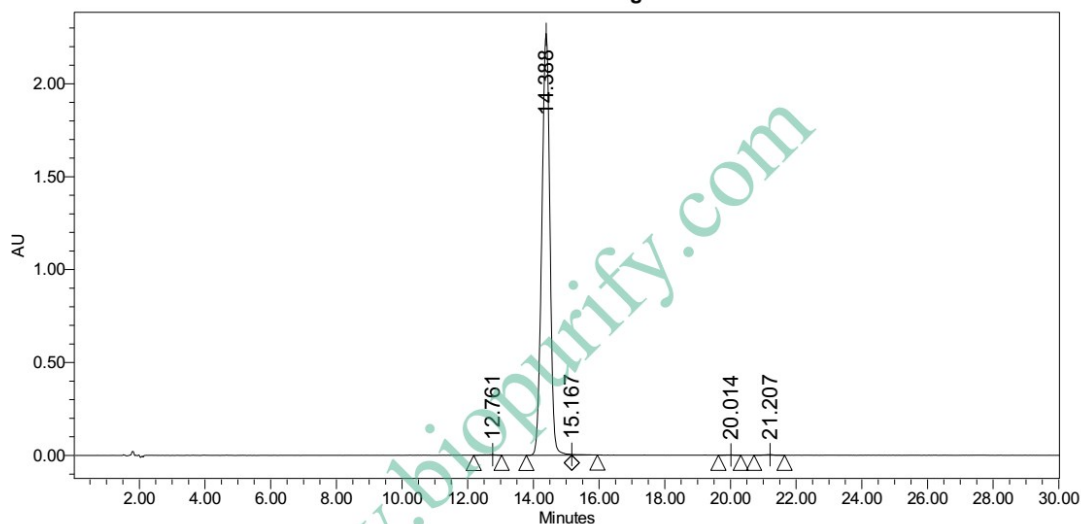
Fig. S1: HPLC chromatogram of COS

Fig. S2: Original ¹H NMR spectra of COS

SAMPLE INFORMATION

| | | | |
|-------------------|------------------------|---------------------|--------------|
| Sample Name: | Costunolide PRF9013101 | Acquired By: | System |
| Sample Type: | Unknown | Sample Set Name: | |
| Vial: | 29 | Acq. Method Set: | Costunolide |
| Injection #: | 1 | Processing Method: | samlpe |
| Injection Volume: | 10.00 ul | Channel Name: | 225.0nm |
| Run Time: | 30.0 Minutes | Proc. Chnl. Descr.: | PDA 225.0 nm |
| | | | |
| Date Acquired: | 2018-1-31 14:59:59 CST | | |
| Date Processed: | 2018-1-31 15:34:15 CST | | |

Auto-Scaled Chromatogram



Peak Results

| | Name | RT | Area | % Area | USP Plate Count | USP Resolution |
|---|------|--------|----------|--------|-----------------|----------------|
| 1 | | 12.761 | 61828 | 0.16 | 1886.89 | |
| 2 | | 14.388 | 38881401 | 99.46 | 16373.43 | 2.44 |
| 3 | | 15.167 | 76606 | 0.20 | | 1.70 |
| 4 | | 20.014 | 23311 | 0.06 | 6092.58 | 10.47 |
| 5 | | 21.207 | 49509 | 0.13 | 69966.64 | 2.64 |

Figure S1. HPLC chromatogram of COS.

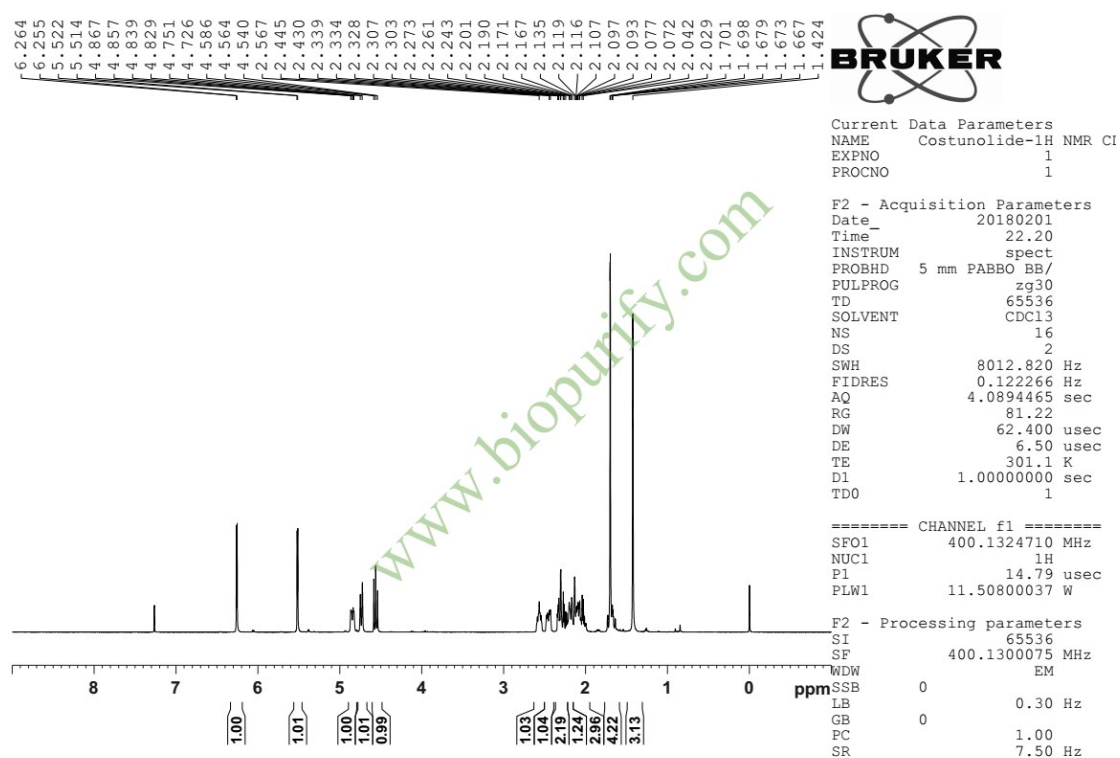


Figure S2. ^1H NMR Spectrum of COS in CDCl_3 (400 MHz).