

## SUPPLEMENTARY MATERIAL

### **Study on chemical constituents of an edible mushroom *Volvariella volvacea* and their antitumor activity *in vitro***

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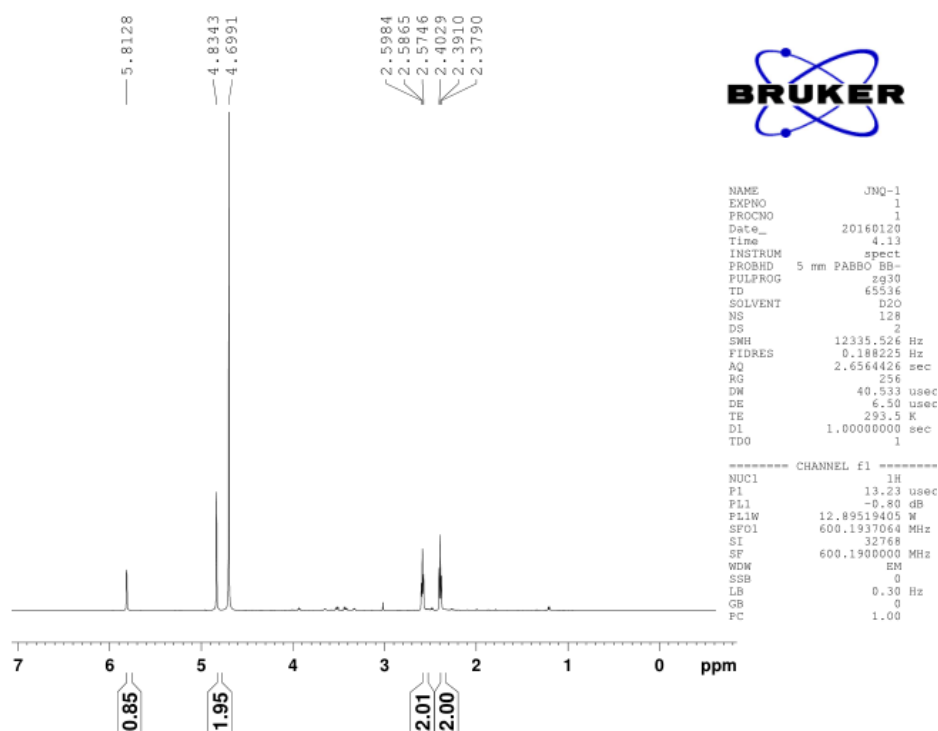


Figure S1  $^1\text{H}$ -NMR Spectrum of New Compound from *Volvariella volvacea*

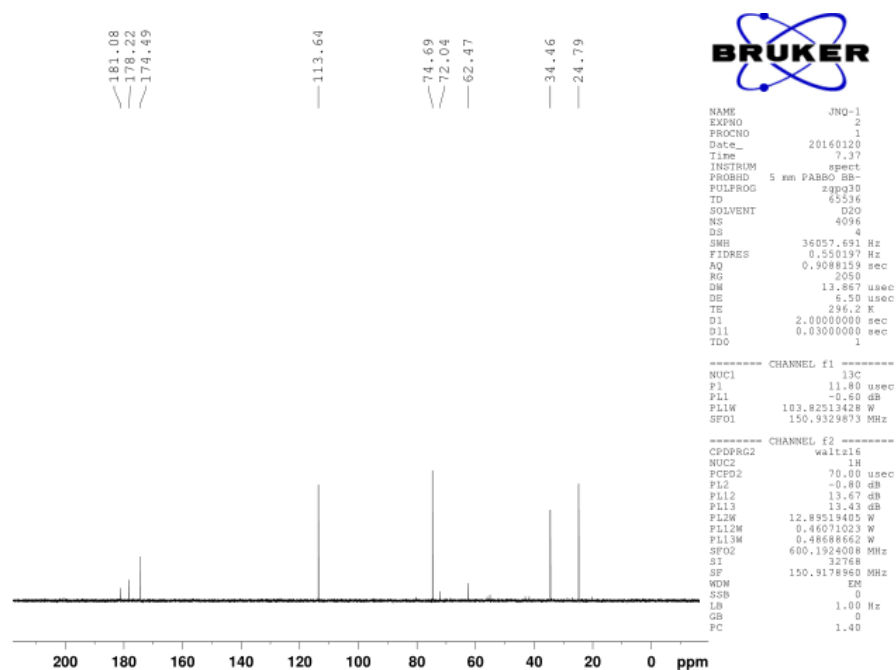


Figure S2  $^{13}\text{C}$ -NMR Spectrum of New Compound from *Volvariella volvacea*

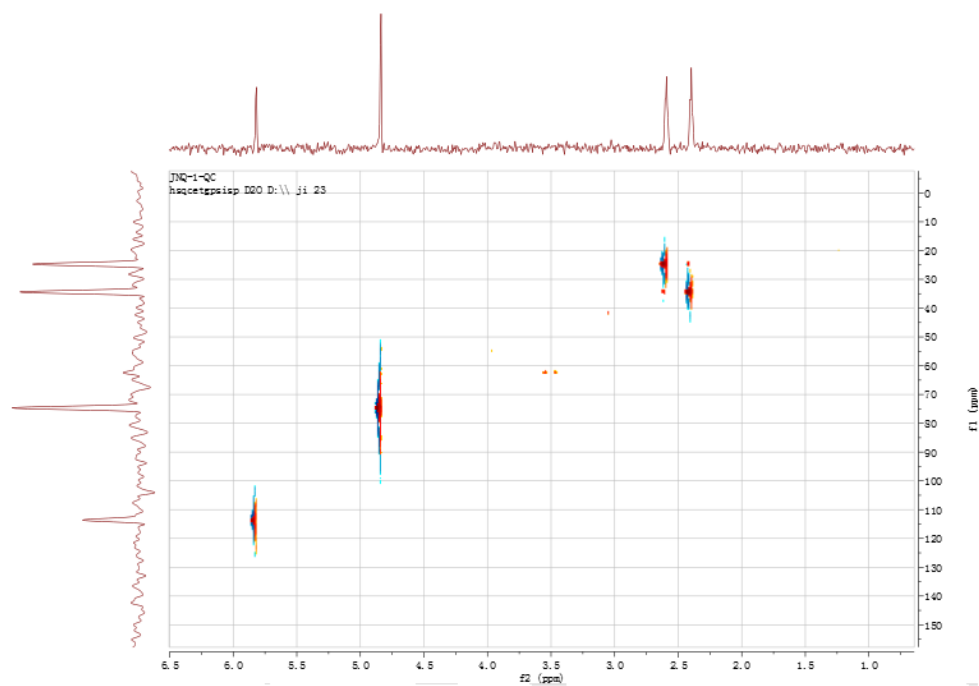


Figure S3 HSQC Spectrum of New Compound from *Volvariella volvacea*

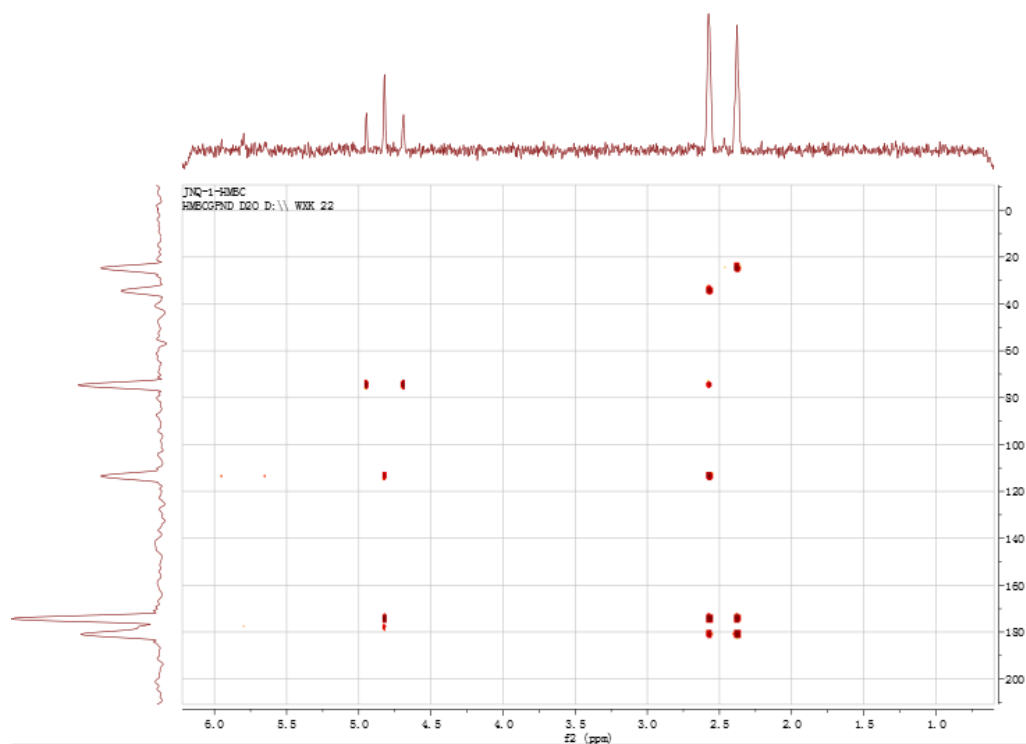


Figure S4 HMBC Spectrum of New Compound from *Volvariella volvacea*

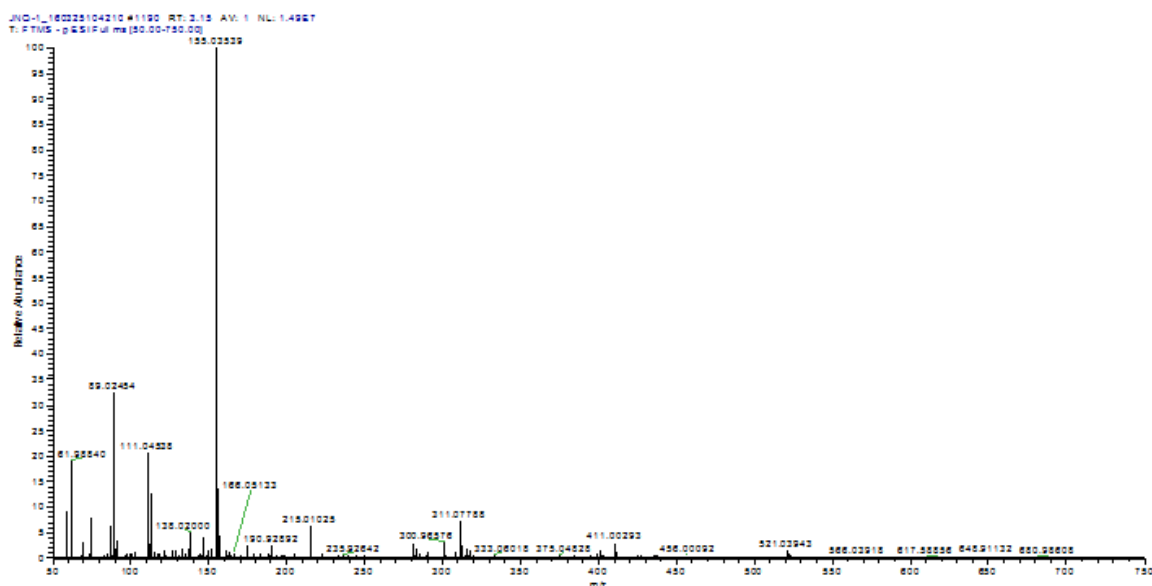


Figure S5 HR-MS Spectrum of New Compound from *Volvariella volvacea*

Table S1. NMR Data of compound **1** and ficifuranones B

| Position | ficifuranones B<br>(Acetone- <i>d</i> 6) | Compound 1<br>(D <sub>2</sub> O) |            |
|----------|------------------------------------------|----------------------------------|------------|
|          | $\delta_C$                               | $\delta_C$                       | $\delta_H$ |
| 2        | 178.22                                   | 175.5                            | -          |
| 3        | 113.64                                   | 123.2                            | 5.81       |
| 4        | 174.49                                   | 160.4                            | -          |
| 5        | 74.69                                    | 71.9                             | 4.83       |
| 6        | 24.79                                    | 22.2                             | 2.59       |
| 7        | 34.46                                    | 31.6                             | 2.39       |
| 8        | 181.08                                   | 173.6                            | -          |