# **Pyrrole Alkaloids from the Fruiting Bodies of the Edible**

# Mushroom Lentinula edodes

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# 1. Spectroscopic data





# Figure S3. HMBC spectrum of 1

lxg1a.27.1.2rr — lxg1a hmbc



# Figure S4. HRESIMS report of 1



S5







# Figure S6. <sup>1</sup>H NMR spectrum of 2 (600 MHz, CD<sub>3</sub>OD)

# Figure S8. HSQC spectrum of 2







#### Figure S10. HRESIMS report of 2



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Figure S11. IR report of 2





## Figure S12. <sup>1</sup>H NMR spectrum of 3 (600 MHz, CD<sub>3</sub>OD)

S11

# Figure S14. HSQC spectrum of 3

lxg21g.26.1.2rr — lxg21g hsqc







#### Figure S16. HRESIMS report of 3



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Figure S17. IR report of 3





Figure S19. <sup>13</sup>C and DEPT NMR spectra of 4 (150 MHz, CD<sub>3</sub>OD)



## Figure S18. <sup>1</sup>H NMR spectrum of 4 (600 MHz, CD<sub>3</sub>OD)

# Figure S20. HSQC spectrum of 4











# Figure S22. HMBC spectrum of 4

lxg6a.83.1.2rr — hmbc MeOD av600



#### Figure S23. HRESIMS report of 4

Formula Predictor Report - Ixg6a.lcd



Figure S24. IR report of 4





## Figure S25. <sup>1</sup>H NMR spectrum of 5 (600 MHz, CD<sub>3</sub>OD)





Figure S28. <sup>13</sup>C and DEPT NMR spectra of 6 (150 MHz, CD<sub>3</sub>OD)









lxg5b.3.1.1r — dept90 MeOD D:\\ jkliu 2



## Figure S31. 1H NMR spectrum of 8 (600 MHz, CD<sub>3</sub>OD)



# Figure S33. HSQC spectrum of 8







## Figure S35. 1H NMR spectrum of 9 (600 MHz, CD<sub>3</sub>OD)

# Figure S37. HSQC spectrum of 9

