Supplementary Materials

Actinofuranones D-I from lichen-associated actinomycetes *Streptomyces gramineus* with anti-inflammatory effect

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Figure S1. HRESI-MS spectrum of the new compound 1
Figure S2. IR spectrum of the new compound 1
Figure S3. $^1$H NMR (600 MHz, DMSO-$d_6$) spectrum of the new compound 1
Figure S4. $^1$H NMR (600 MHz, CD$_3$OD) spectrum of the new compound 1
Figure S5. $^{13}$C NMR (150 MHz, DMSO-$d_6$) spectrum of the new compound 1
Figure S6. $^{13}$C NMR (150 MHz, CD$_3$OD) spectrum of the new compound 1
Figure S7. HSQC spectrum (DMSO-$d_6$) of the new compound 1
Figure S8. HSQC spectrum (CD$_3$OD) of the new compound 1
Figure S9. COSY spectrum (DMSO-$d_6$) of the new compound 1
Figure S10. HMBC spectrum (DMSO-$d_6$) of the new compound 1
Figure S11. NOESY spectrum (CD$_3$OD) of the new compound 1
Figure S12. HRESI-MS spectrum of the new compound 2
Figure S13. IR spectrum of the new compound 2
Figure S14. $^1$H NMR (600 MHz, DMSO-$d_6$) spectrum of the new compound 2
Figure S15. $^1$H NMR (600 MHz, CD$_3$OD) spectrum of the new compound 2
Figure S16. $^{13}$C NMR (150 MHz, DMSO-$d_6$) spectrum of the new compound 2
Figure S17. $^{13}$C NMR (150 MHz, CD$_3$OD) spectrum of the new compound 2
Figure S18. HSQC spectrum (DMSO-$d_6$) of the new compound 2
Figure S19. HSQC spectrum (CD3OD) of the new compound 2
Figure S20. COSY spectrum (DMSO-d6) of the new compound 2
Figure S21. COSY spectrum (CD3OD) of the new compound 2
Figure S22. HMBC spectrum (DMSO-d6) of the new compound 2
Figure S23. NOESY spectrum (CD3OD) of the new compound 2
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Figure S25. IR spectrum of the new compound 3
Figure S26. 1H NMR (600 MHz, DMSO-d6) spectrum of the new compound 3
Figure S27. 1H NMR (600 MHz, CD3OD) spectrum of the new compound 3
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Figure S31. HMBC spectrum (DMSO-d6) of the new compound 3
Figure S32. NOESY spectrum (CD3OD) of the new compound 3
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Figure S34. IR spectrum of the new compound 4
Figure S35. 1H NMR (600 MHz, DMSO-d6) spectrum of the new compound 4
Figure S36. 13C NMR (150 MHz, DMSO-d6) spectrum of the new compound 4
Figure S37. HSQC (DMSO-d6) spectrum of the new compound
Figure S38. COSY (DMSO-d6) spectrum of the new compound
Figure S39. HMBC (DMSO-d6) spectrum of the new compound
Figure S40. NOESY (CD3OD) spectrum of the new compound
Figure S41. HRESI-MS spectrum of the new compound
Figure S42. IR spectrum of the new compound
Figure S43. 1H NMR (600 MHz, DMSO-d6) spectrum of the new compound
Figure S44. 1H NMR (600 MHz, CD3OD) spectrum of the new compound
Figure S45. 13C NMR (150 MHz, DMSO-d6) spectrum of the new compound
Figure S46. HSQC (DMSO-d6) spectrum of the new compound
Figure S47. COSY (DMSO-d6) spectrum of the new compound
Figure S48. HMBC (DMSO-d6) spectrum of the new compound
Figure S49. NOESY spectrum (CD3OD) of the new compound
Figure S50. HRESI-MS spectrum of the new compound
Figure S51. IR spectrum of the new compound
Figure S52. 1H NMR (600 MHz, DMSO-d6) spectrum of the new compound
Figure S53. 13C NMR (150 MHz, DMSO-d6) spectrum of the new compound
Figure S54. HSQC (DMSO-d6) spectrum of the new compound
Figure S55. COSY (DMSO-$d_6$) spectrum of the new compound 6
Figure S56. HMBC (DMSO-$d_6$) spectrum of the new compound 6
Figure S57. $^1$H NMR (600 MHz, DMSO-$d_6$) spectrum of the compound 7
Figure S58. $^{13}$C NMR (150 MHz, DMSO-$d_6$) spectrum of the compound 7
Figure S1. HRESI-MS spectrum of the new compound 1
Figure S2. IR spectrum of the new compound 1
Figure S3. $^1$H NMR (600 MHz, DMSO-$d_6$) spectrum of the new compound 1
Figure S4. $^1$H NMR (600 MHz, CD$_3$OD) spectrum of the new compound **I**
Figure S5. $^{13}$C NMR (150 MHz, DMSO-$d_6$) spectrum of the new compound I
Figure S6. $^{13}$C NMR (150 MHz, CD$_3$OD) spectrum of the new compound 1
Figure S7. HSQC spectrum (DMSO-$d_6$) of the new compound 1
Figure S8. HSQC spectrum (CD3OD) of the new compound 1
Figure S9. COSY spectrum (DMSO-$d_6$) of the new compound 1
Figure S10. HMBC spectrum (DMSO-$d_6$) of the new compound 1
Figure S11. NOESY spectrum (CD$_3$OD) of the new compound 1
Figure S12. HRESI-MS spectrum of the new compound 2
Figure S13. IR spectrum of the new compound 2
Figure S14. $^1$H NMR (600 MHz, DMSO-"d$_6$") spectrum of the new compound 2
Figure S15. $^1$H NMR (600 MHz, CD$_3$OD) spectrum of the new compound 2
Figure S16. $^{13}$C NMR (150 MHz, DMSO-$d_6$) spectrum of the new compound 2
Figure S17. $^{13}$C NMR (150 MHz, CD$_3$OD) spectrum of the new compound 2
Figure S18. HSQC spectrum (DMSO-\textit{d}_6) of the new compound 2
Figure S19. HSQC spectrum (CD$_3$OD) of the new compound 2
Figure S20. COSY spectrum (DMSO-$d_6$) of the new compound 2
Figure S21. COSY spectrum (CD$_3$OD) of the new compound 2
Figure S22. HMBC spectrum (DMSO-d6) of the new compound 2
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Figure S26. $^1$H NMR (600 MHz, DMSO-$d_6$) spectrum of the new compound 3
Figure S27. $^1$H NMR (600 MHz, CD$_3$OD) spectrum of the new compound 3.
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Figure S29. HSQC spectrum of the new compound 3
Figure S30. COSY spectrum (DMSO-\textit{d}_6) of the new compound 3
Figure S31. HMBC spectrum (DMSO-$d_6$) of the new compound 3
Figure S32. NOESY spectrum (CD$_3$OD) of the new compound 3
Figure S33. HRESI-MS spectrum of the new compound 4
Figure S34. IR spectrum of the new compound 4
Figure S35. $^1$H NMR (600 MHz, DMSO-$d_6$) spectrum of the new compound 4
Figure S36. $^{13}$C NMR (150 MHz, DMSO-$d_6$) spectrum of the new compound 4.
Figure S37. HSQC spectrum of the new compound 4
Figure S38. COSY spectrum of the new compound 4
Figure S39. HMBC spectrum of the new compound 4
Figure S40. NOESY spectrum of the new compound 4
Figure S41. HRESI-MS spectrum of the new compound 5
Figure S42. IR spectrum of the new compound 5
Figure S43. $^1$H NMR (600 MHz, DMSO-$d_6$) spectrum of the new compound 5
Figure S44. $^1$H NMR (600 MHz, CD$_3$OD) spectrum of the new compound 5
Figure S45. $^{13}$C NMR (150 MHz, DMSO-$d_6$) spectrum of the new compound 5
Figure S46. HSQC spectrum of the new compound 5
Figure S47. COSY spectrum (DMSO-\textit{d}_6) of the new compound 5
Figure S48. HMBC spectrum (DMSO-$d_6$) of the new compound 5
Figure S49. NOESY spectrum (CD$_3$OD) of the new compound 5
Figure S50. HRESI-MS spectrum of the new compound 6
Figure S51. IR spectrum of the new compound 6
Figure S52. $^1$H NMR (600 MHz, DMSO-$d_6$) spectrum of the new compound 6
Figure S53. $^{13}$C NMR (150 MHz, DMSO-$d_6$) spectrum of the new compound 6
Figure S54. HSQC spectrum of the new compound 6
Figure S55. COSY spectrum (DMSO-d6) of the new compound 6
Figure S56. HMBC spectrum (DMSO-\textit{d}_6) of the new compound $6$. 


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Figure S58. $^{13}$C NMR (150 MHz, DMSO-$d_6$) spectrum of the compound 7