Synthesis and Biological Evaluation of Novel Dehydroabietic Acid-Oxazolidinones Hybrids for Antitumor Properties

Xiu Wang, Fu-Hua Pang, Lin Huang, Xin-Ping Yang, Xian-Li Ma, Cai-Na Jiang, Fang-Yao Li and Fu-Hou Lei

Figure S: FTIR, $^1$H-NMR, $^{13}$C-NMR and HRMS-ESI spectrum of compounds 3a-o and 4a-o
Figure S1. FTIR spectrum of the target compound (3a)

Figure S2. HRMS-ESI spectrum of the target compound (3a)
**Figure S3.** $^1$H-NMR spectrum of the target compound (3a) in DMSO

**Figure S4.** $^{13}$C-NMR spectrum of the target compound (3a) in DMSO
Figure S5. FTIR spectrum of the target compound (3b)

Figure S6. HRMS-ESI spectrum of the target compound (3b)
**Figure S7.** $^1$H-NMR spectrum of the target compound (3b) in DMSO

**Figure S8.** $^{13}$C-NMR spectrum of the target compound (3b) in DMSO
Figure S9. FTIR spectrum of the target compound (3c)

Figure S10. HRMS-ESI spectrum of the target compound (3c)
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Figure S12. $^{13}$C-NMR spectrum of the target compound (3c) in DMSO
Figure S13. FTIR spectrum of the target compound (3d)

Figure S14. HRMS-ESI spectrum of the target compound (3d)
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Figure S16. $^{13}$C-NMR spectrum of the target compound (3d) in DMSO
Figure S17. FTIR spectrum of the target compound (3e)

Figure S18. HRMS-ESI spectrum of the target compound (3e)
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Figure S20. $^{13}$C-NMR spectrum of the target compound (3e) in DMSO
Figure S21. FTIR spectrum of the target compound (3f)

Figure S22. HRMS-ESI spectrum of the target compound (3f)
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Figure S28. $^{13}$C-NMR spectrum of the target compound (3g) in DMSO
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**Figure S30.** HRMS-ESI spectrum of the target compound (3h)
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Figure S32. $^{13}$C-NMR spectrum of the target compound (3h) in DMSO.
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Figure S34. HRMS-ESI spectrum of the target compound (3i)
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Figure S36. $^{13}$C-NMR spectrum of the target compound (3i) in DMSO
Figure S37. FTIR spectrum of the target compound (3j)

Figure S38. HRMS-ESI spectrum of the target compound (3j)
Figure S39. $^1$H-NMR spectrum of the target compound (3j) in DMSO

Figure S40. $^{13}$C-NMR spectrum of the target compound (3j) in DMSO
Figure S41. FTIR spectrum of the target compound (3k)

Figure S42. HRMS-ESI spectrum of the target compound (3k)
Figure S43. $^1$H-NMR spectrum of the target compound (3k) in DMSO

Figure S44. $^{13}$C-NMR spectrum of the target compound (3k) in DMSO
Figure S45. FTIR spectrum of the target compound (3I)

Figure S46. HRMS-ESI spectrum of the target compound (3I)
Figure S47. $^1$H-NMR spectrum of the target compound (3l) in DMSO

Figure S48. $^{13}$C-NMR spectrum of the target compound (3l) in DMSO
Figure S49. FTIR spectrum of the target compound (3m)

Figure S50. HRMS-ESI spectrum of the target compound (3m)
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Figure S52. $^{13}$C-NMR spectrum of the target compound (3m) in DMSO.
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Figure S60. $^{13}$C-NMR spectrum of the target compound (3o) in DMSO

Figure S61. FTIR spectrum of the target compound (4a)

Figure S62. HRMS-ESI spectrum of the target compound (4a)
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Figure S67. $^1$H-NMR spectrum of the target compound (4b) in DMSO.

Figure S68. $^{13}$C-NMR spectrum of the target compound (4b) in DMSO.
Figure S69. FTIR spectrum of the target compound (4c)

Figure S70. HRMS-ESI spectrum of the target compound (4c)
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Figure S72. $^{13}$C-NMR spectrum of the target compound (4c) in DMSO
Figure S73. FTIR spectrum of the target compound (4d)

Figure S74. HRMS-ESI spectrum of the target compound (4d)
Figure S75. $^1$H-NMR spectrum of the target compound (4d) in DMSO

Figure S76. $^{13}$C-NMR spectrum of the target compound (4d) in DMSO
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**Figure S78.** HRMS-ESI spectrum of the target compound (4e)
Figure S79. $^1$H-NMR spectrum of the target compound (4e) in DMSO

Figure S80. $^{13}$C-NMR spectrum of the target compound (4e) in DMSO
**Figure S81.** FTIR spectrum of the target compound (4f)

**Figure S82.** HRMS-ESI spectrum of the target compound (4f)
Figure S83. $^1$H-NMR spectrum of the target compound (4f) in DMSO

Figure S84. $^{13}$C-NMR spectrum of the target compound (4f) in DMSO
Figure S85. FTIR spectrum of the target compound (4g)

Figure S86. HRMS-ESI spectrum of the target compound (4g)
Figure S87. $^1$H-NMR spectrum of the target compound (4g) in DMSO

Figure S88. $^{13}$C-NMR spectrum of the target compound (4g) in DMSO
**Figure S89.** FTIR spectrum of the target compound (4h)

**Figure S90.** HRMS-ESI spectrum of the target compound (4h)
Figure S91. $^1$H-NMR spectrum of the target compound (4h) in DMSO

Figure S92. $^{13}$C-NMR spectrum of the target compound (4h) in DMSO
Figure S93. FTIR spectrum of the target compound (4i).

Figure S94. HRMS-ESI spectrum of the target compound (4i).
Figure S95. $^1$H-NMR spectrum of the target compound (4i) in DMSO

Figure S96. $^{13}$C-NMR spectrum of the target compound (4i) in DMSO
Figure S97. FTIR spectrum of the target compound (4j)

Figure S98. HRMS-ESI spectrum of the target compound (4j)
**Figure S99.** $^1$H-NMR spectrum of the target compound (4j) in DMSO

**Figure S100.** $^{13}$C-NMR spectrum of the target compound (4j) in DMSO
Figure S101. FTIR spectrum of the target compound (4k)

Figure S102. HRMS-ESI spectrum of the target compound (4k)
Figure S103. $^1$H-NMR spectrum of the target compound (4k) in DMSO

Figure S104. $^{13}$C-NMR spectrum of the target compound (4k) in DMSO
Figure S105. FTIR spectrum of the target compound (4l)

Figure S106. HRMS-ESI spectrum of the target compound (4l)
Figure S107. $^1$H-NMR spectrum of the target compound (4I) in DMSO

Figure S108. $^{13}$C-NMR spectrum of the target compound (4I) in DMSO
Figure S109. FTIR spectrum of the target compound (4m)

Figure S110. HRMS-ESI spectrum of the target compound (4m)
Figure S111. $^1$H-NMR spectrum of the target compound (4m) in DMSO

Figure S112. $^1$C-NMR spectrum of the target compound (4m) in DMSO
**Figure S113.** FTIR spectrum of the target compound (4n)

**Figure S114.** HRMS-ESI spectrum of the target compound (4n)
Figure S115. $^1$H-NMR spectrum of the target compound (4n) in DMSO

Figure S116. $^{13}$C-NMR spectrum of the target compound (4n) in DMSO
Figure S117. FTIR spectrum of the target compound (4o)

Figure S118. HRMS-ESI spectrum of the target compound (4o)
Figure S119. $^1$H-NMR spectrum of the target compound (4o) in DMSO

Figure S120. $^{13}$C-NMR spectrum of the target compound (4o) in DMSO