The Antitumor Activity of 4,4’-Bipyridinium Amphiphiles

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Figure S1. NMR and MS spectra of 1: (a) $^1$H NMR spectrum of 1 in DMSO-$d_6$; (b) $^{13}$C NMR spectrum of 1 in CD$_3$OD; (c) MS spectra of 1.
Figure S2. NMR and MS spectra of 2: (a) $^1$H NMR spectrum of 2 in DMSO-$d_6$; (b) $^{13}$C NMR spectrum of 2 in CD$_3$OD; (c) MS spectra of 2.
Figure S3. NMR and MS spectra of 3: (a) $^1$H NMR spectrum of 3 in DMSO-$d_6$; (b) $^{13}$C NMR spectrum of 3 in CD$_3$OD; (c) MS spectra of 3.
Figure S4. NMR and MS spectra of 4: (a) $^1$H NMR spectrum of 4 in DMSO-$d_6$; (b) $^{13}$C NMR spectrum of 4 in CD$_3$OD; (c) MS spectra of 4.
Figure S5. NMR and MS spectra of 5: (a) $^1$H NMR spectrum of 5 in DMSO-$d_6$; (b) $^{13}$C NMR spectrum of 5 in CD$_3$OD; (c) MS spectra of 5.
Figure S6. NMR and MS spectra of 6: (a) $^1$H NMR spectrum of 6 in CD$_3$OD; (b) $^{13}$C NMR spectrum of 6 in CD$_3$OD; (c) MS spectra of 6.
Figure S7. (a) $^1$H NMR spectrum of 7 in DMSO-$d_6$; (b) $^{13}$C NMR spectrum of 7 in CD$_3$OD.
Figure S8. (a) $^1$H NMR spectrum of 8 in CD$_3$OD; (b) $^{13}$C NMR spectrum of 8 in CD$_3$OD.
Figure S9. $^1$H NMR spectrum of 9 in DMSO-$d_6$.

Figure S10. HPLC traces of 1-3.
Figure S11. HPLC traces of 4-6.

Figure S12. HPLC traces of 7-9.
Table S1. Calculated CLog P of the Compounds 1-9 using the program ChemDraw 14.0.

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<th>Compound</th>
<th>1</th>
<th>2</th>
<th>3</th>
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<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
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<tr>
<td>CLog P</td>
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<td>−0.19</td>
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<td>1.93</td>
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