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Improved antiproliferative activity of novel pulsatilla saponin D/α -hederin derivatives containing nitric oxide donors

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Supporting information

¹H-NMR, ¹³C-NMR of final compounds

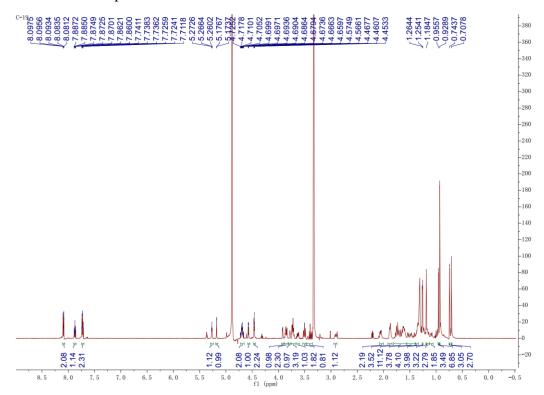
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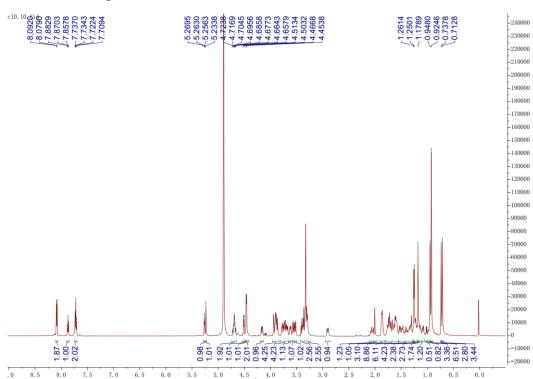
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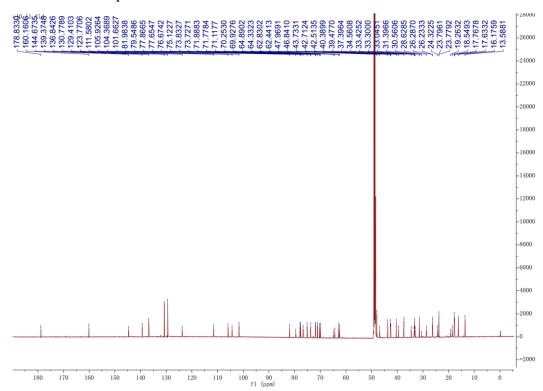
¹H-NMR of compound **4a**



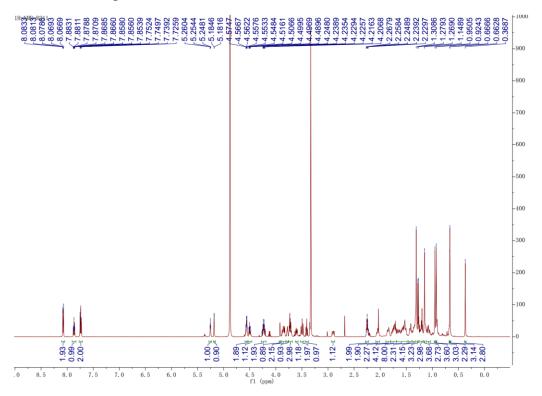
¹H-NMR of compound **5a**



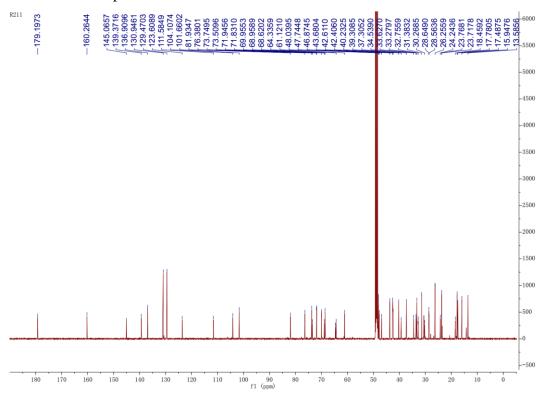
¹³C-NMR of compound **5a**



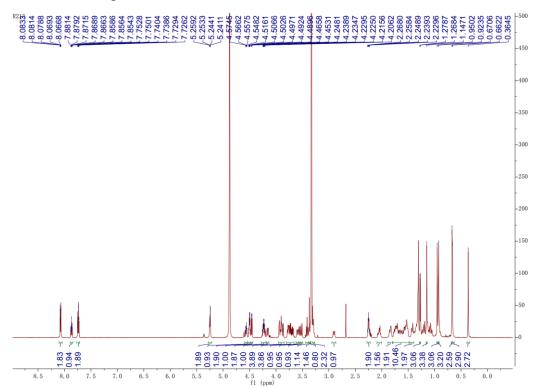
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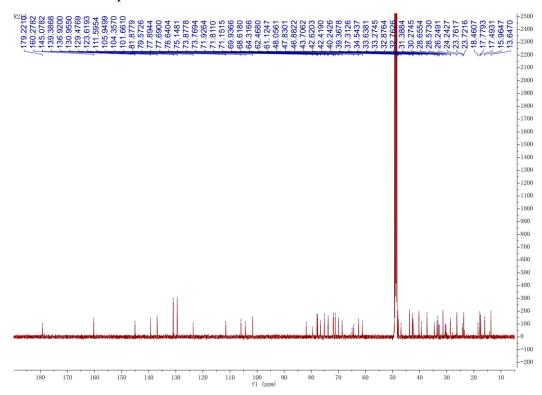
¹³C-NMR of compound **4b**



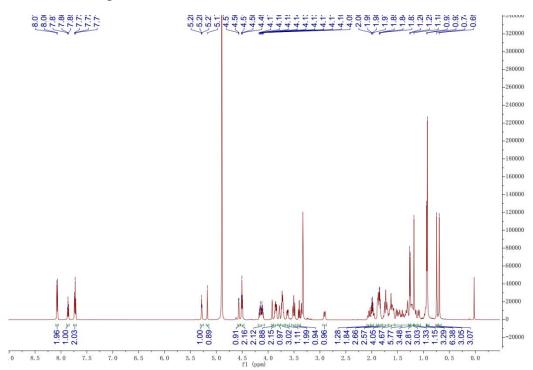
¹H-NMR of compound **5b**



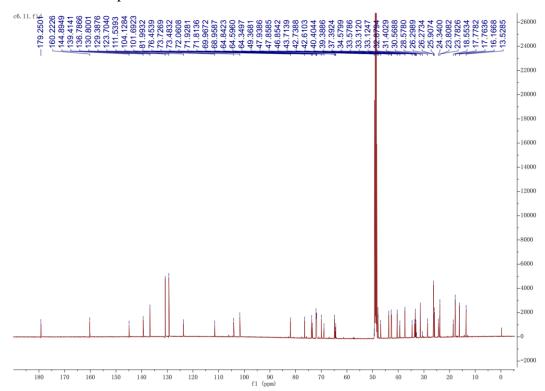
¹³C-NMR of compound **5b**



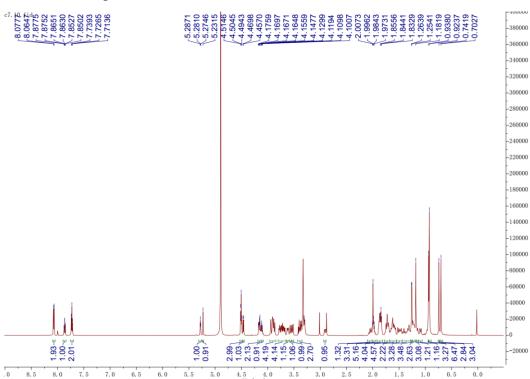
¹H-NMR of compound **4c**



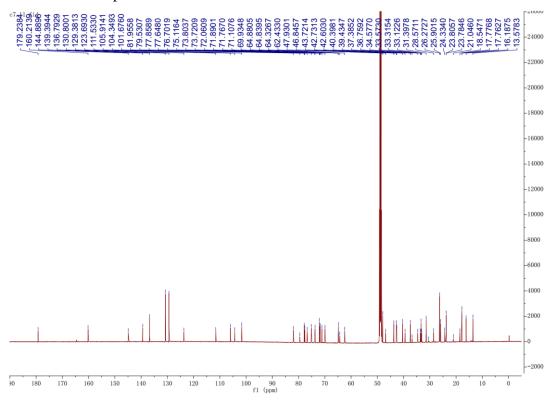
¹³C-NMR of compound **4c**



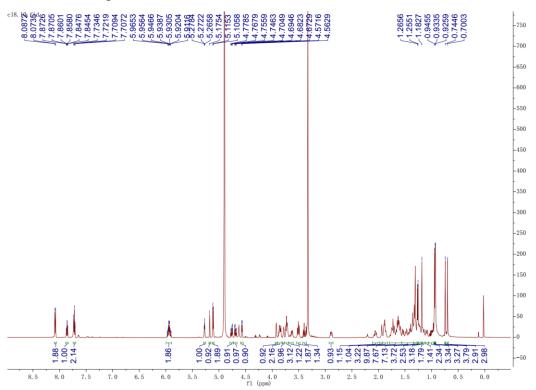
¹H-NMR of compound **5c**



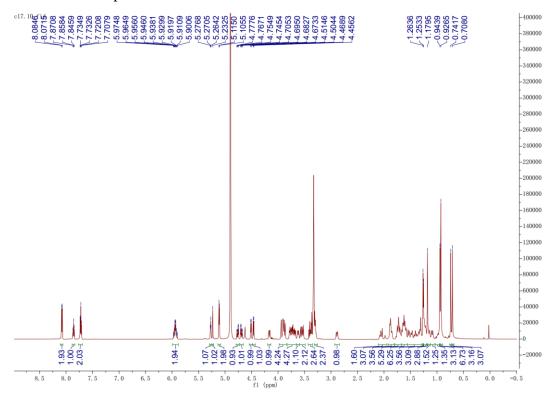
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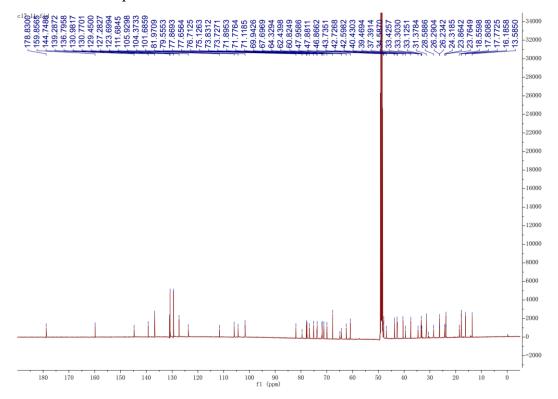
¹H-NMR of compound **4d**



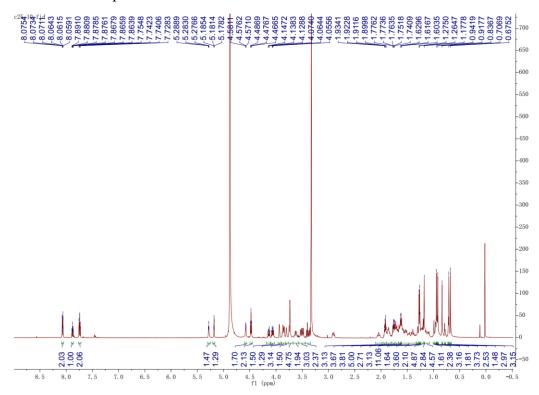
¹H-NMR of compound **5d**



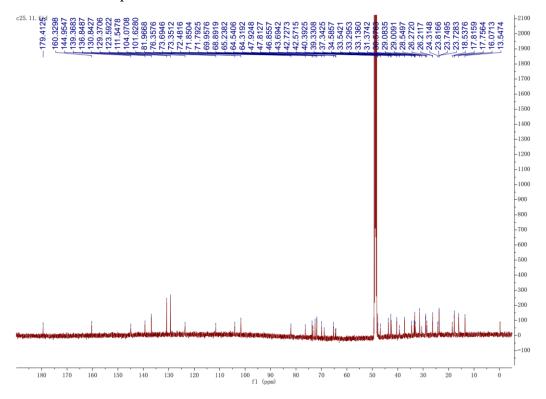
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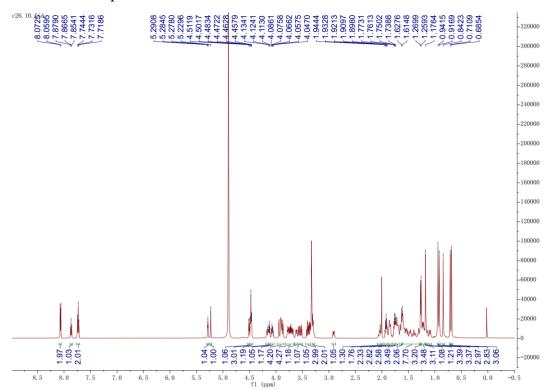
¹H-NMR of compound **4e**



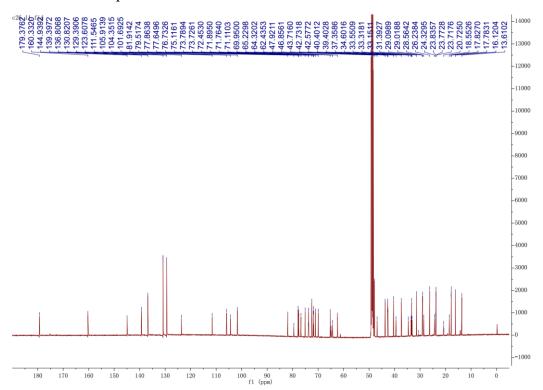
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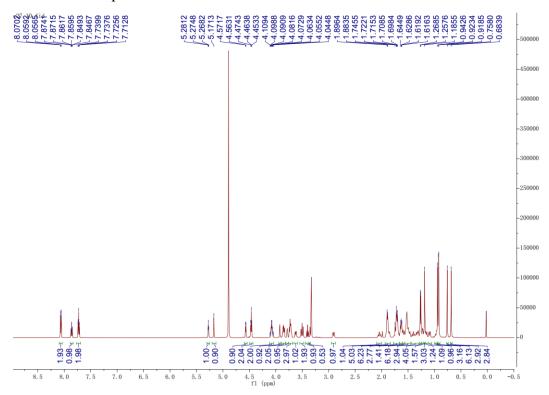
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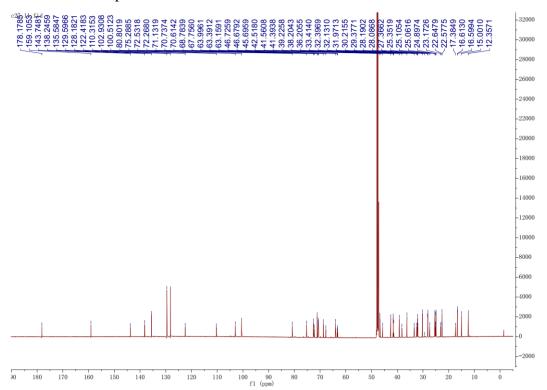
¹³C-NMR of compound **5e**



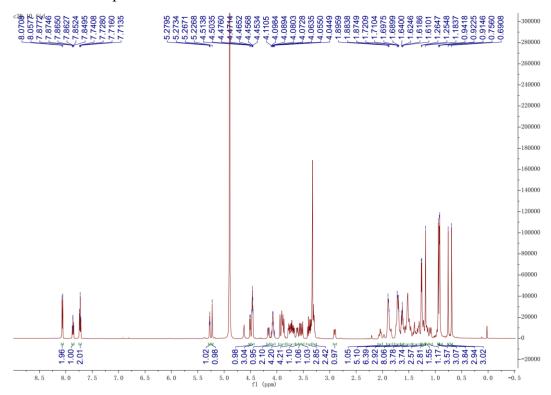
¹H-NMR of compound **4f**



¹³C-NMR of compound **4f**



¹H-NMR of compound **5f**



¹³C-NMR of compound **5f**

