

Supplementary information

B-norsteroids from *Hymenoscyphus pseudoalbidus*

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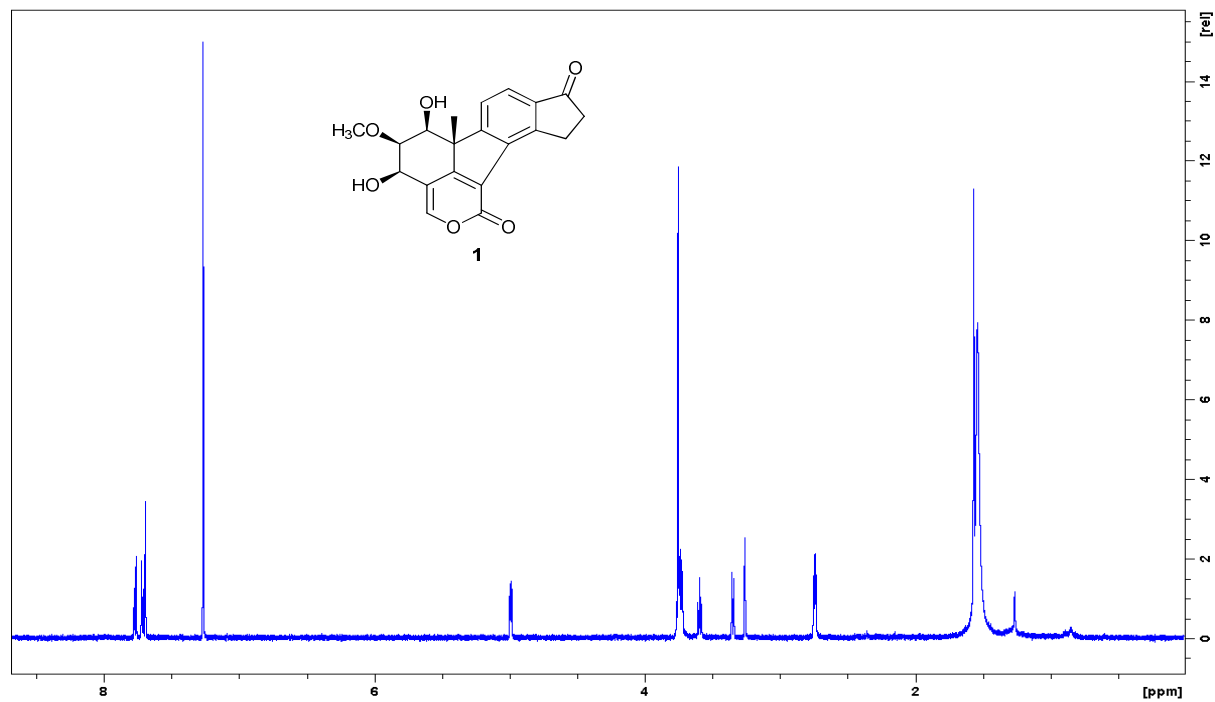
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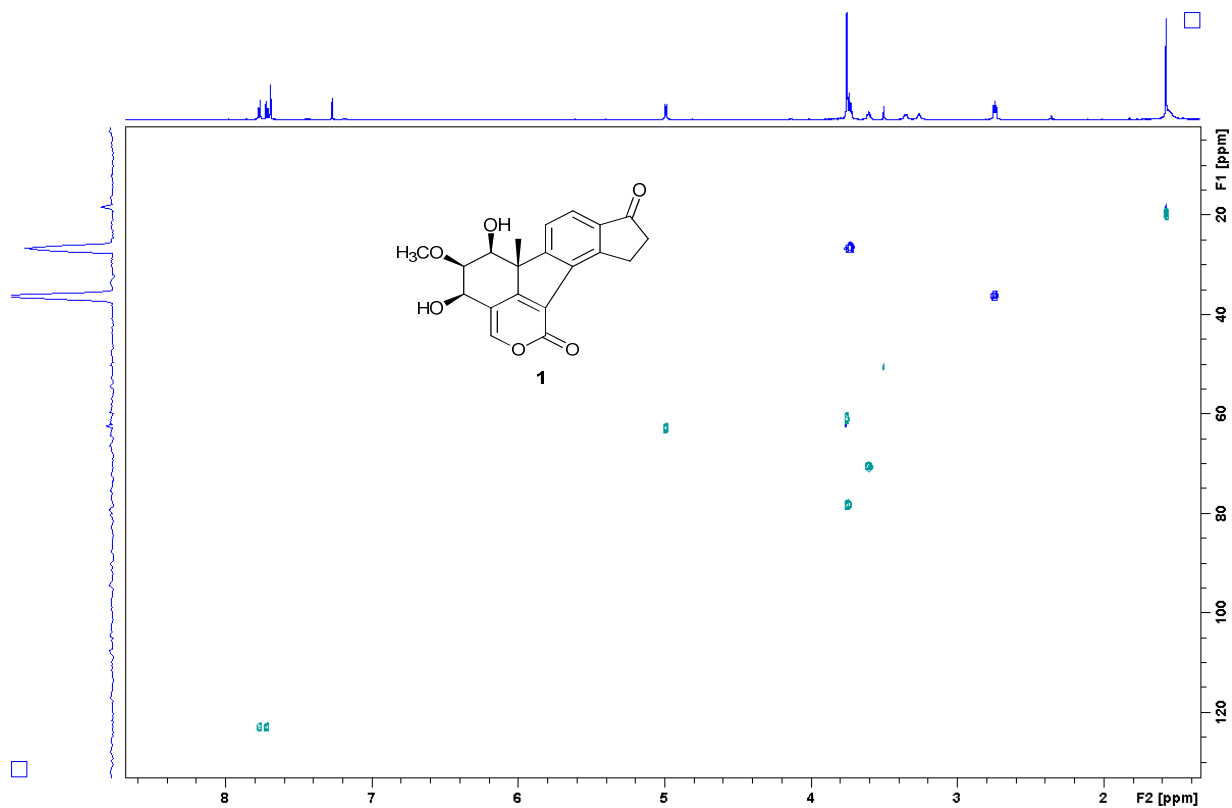
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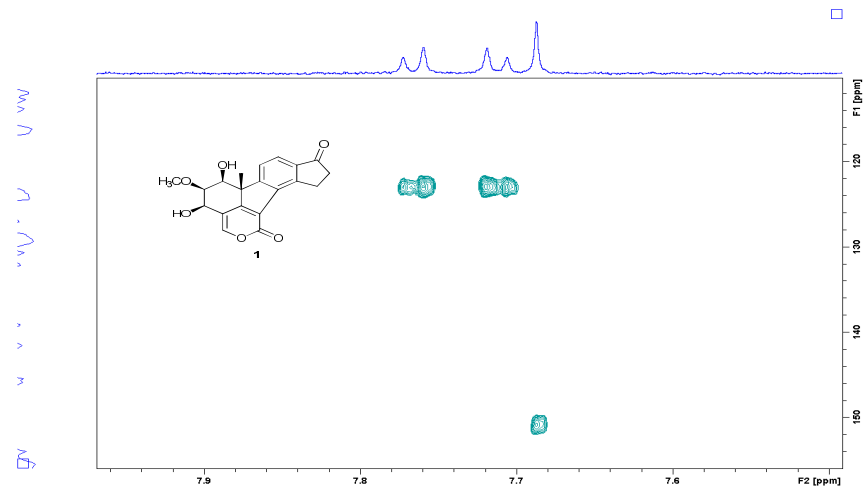
^1H NMR of B-nor viridiol lactone (**1**) (600 MHz, CDCl_3 , 30°C)



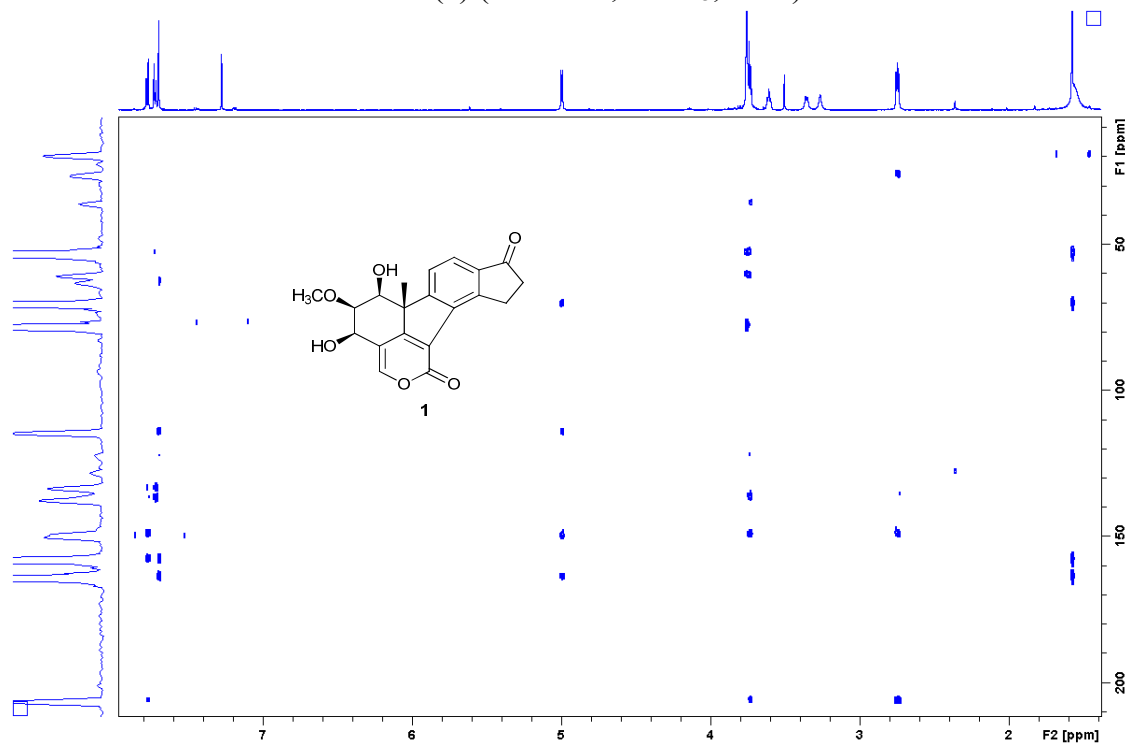
HSQC-DEPT of B-nor viridiol lactone (**1**) (600 MHz, CDCl_3 , 30°C)



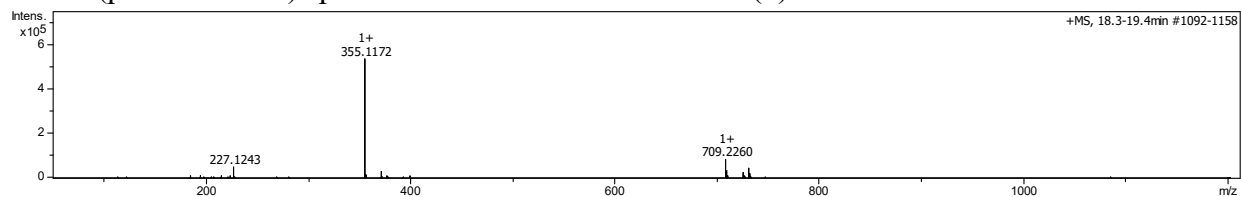
Magnification of another HSQC-DEPT of B-nor viridiol lactone (**1**) (600 MHz, CDCl₃, 30°C) showing CH-29 cross-peak.



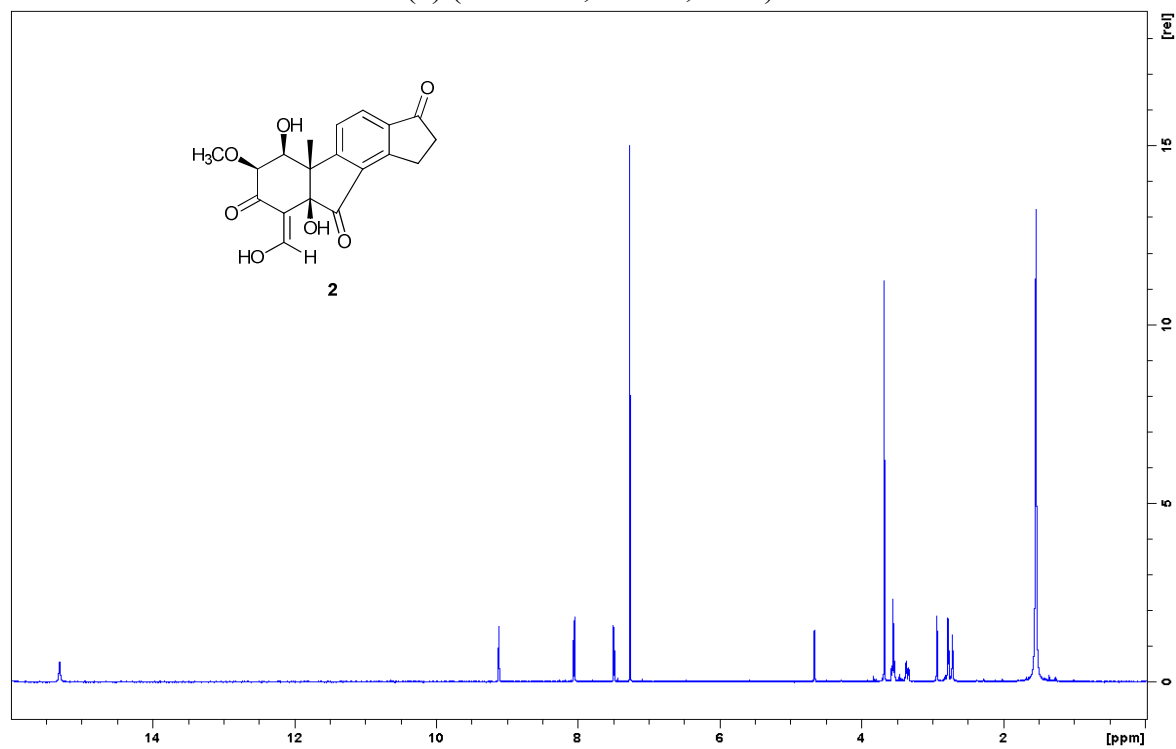
HMBC of B-nor viridiol lactone (**1**) (600 MHz, CDCl₃, 30°C)



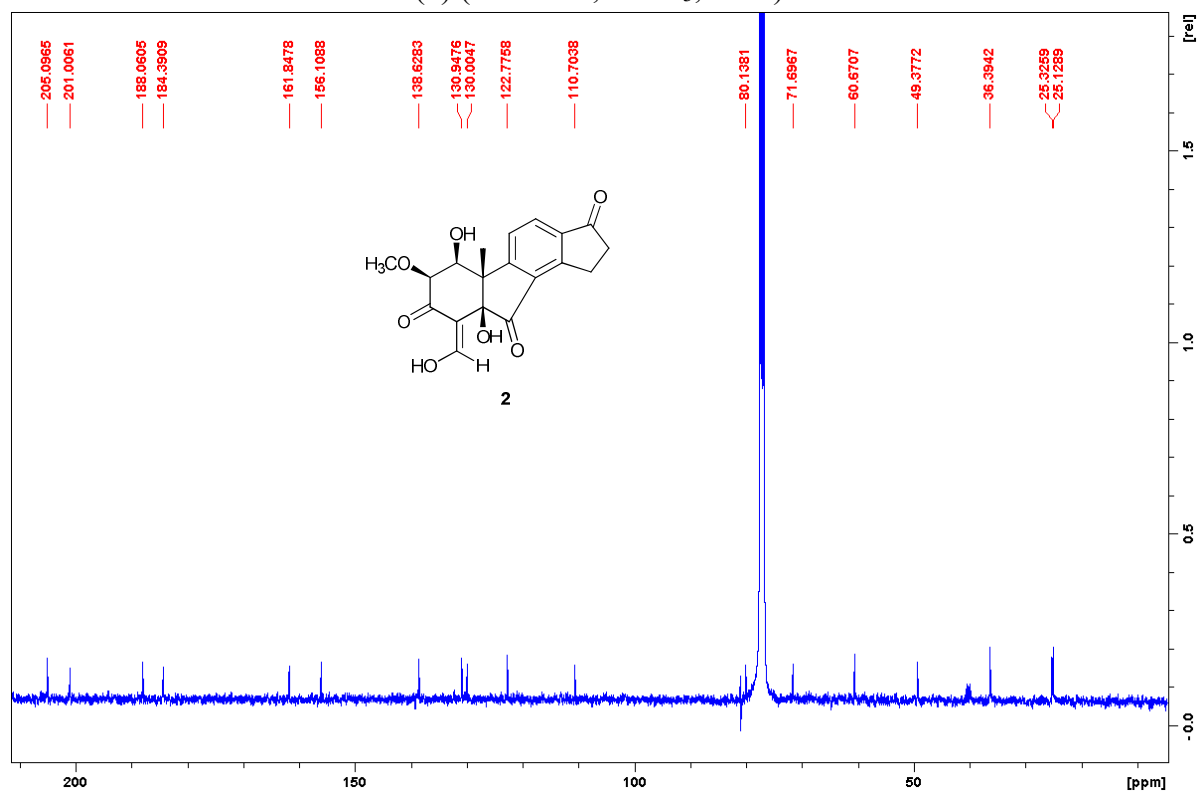
HRMS (positive mode) spectrum of B-nor viridiol lactone (**1**)



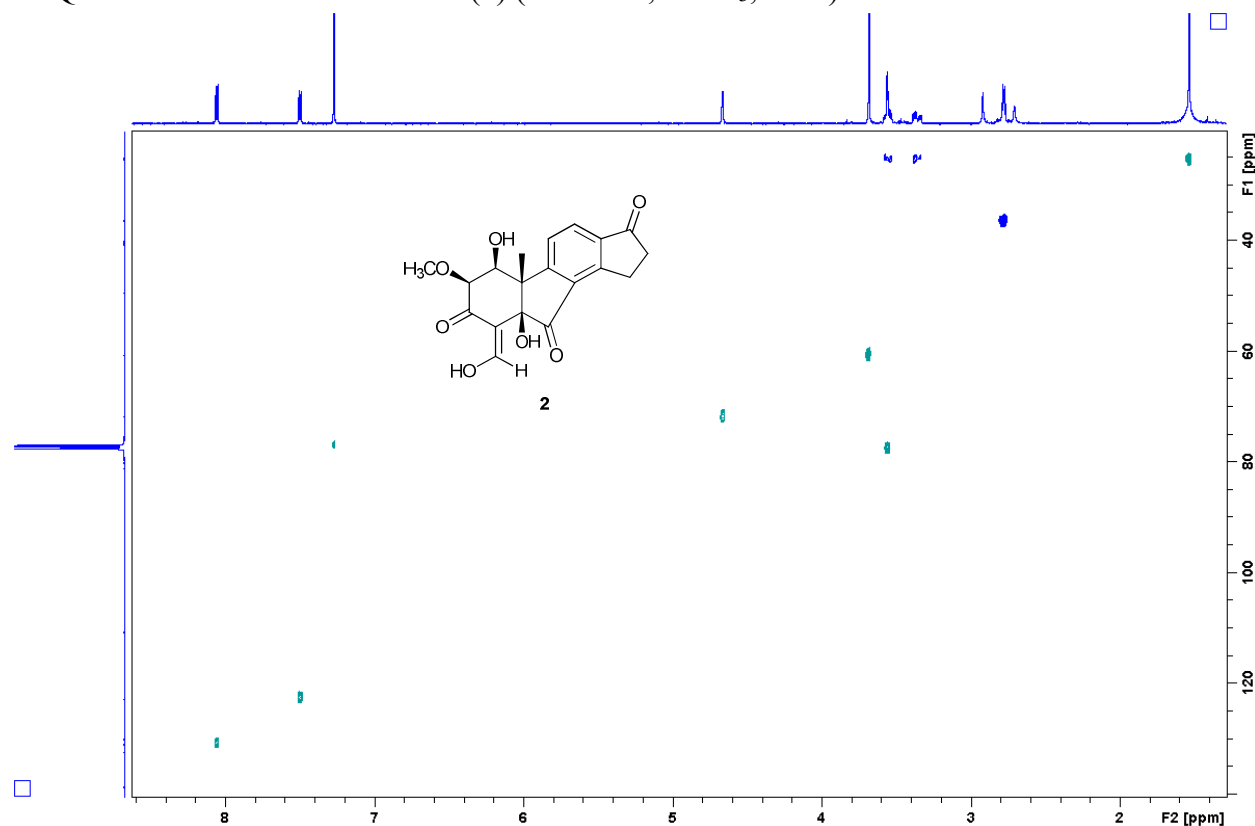
^1H NMR of B-nor viridin enol (**2**) (600 MHz, CDCl_3 , 30°C)



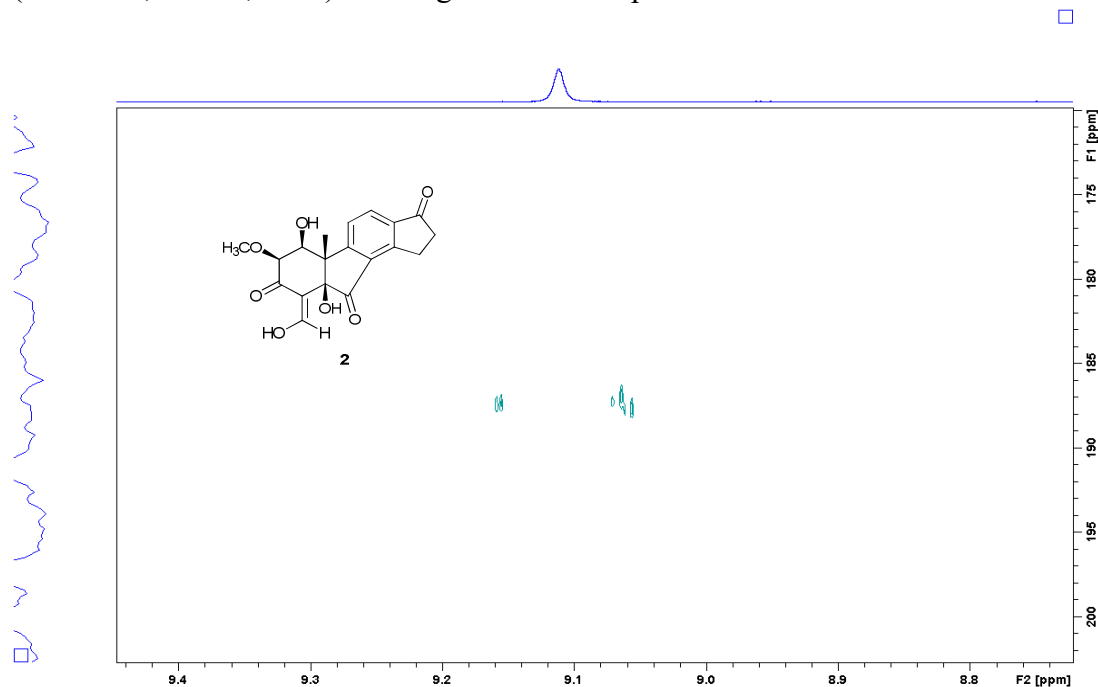
^{13}C NMR of B-nor viridin enol (**2**) (100 MHz, CDCl_3 , 30°C)

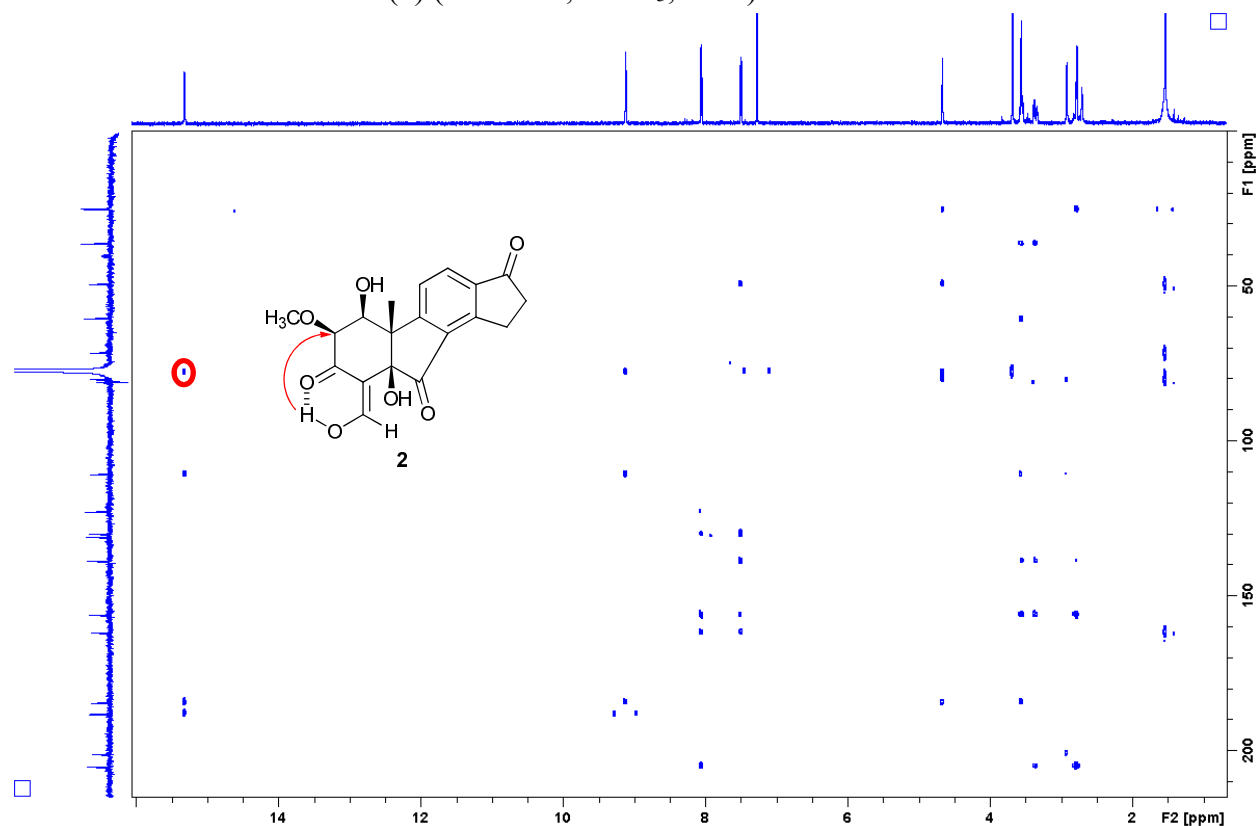
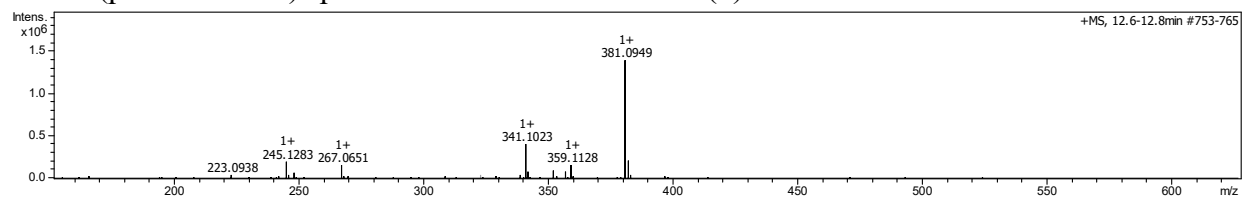


HSQC-DEPT of B-nor viridin enol (**2**) (600 MHz, CDCl₃, 30°C)

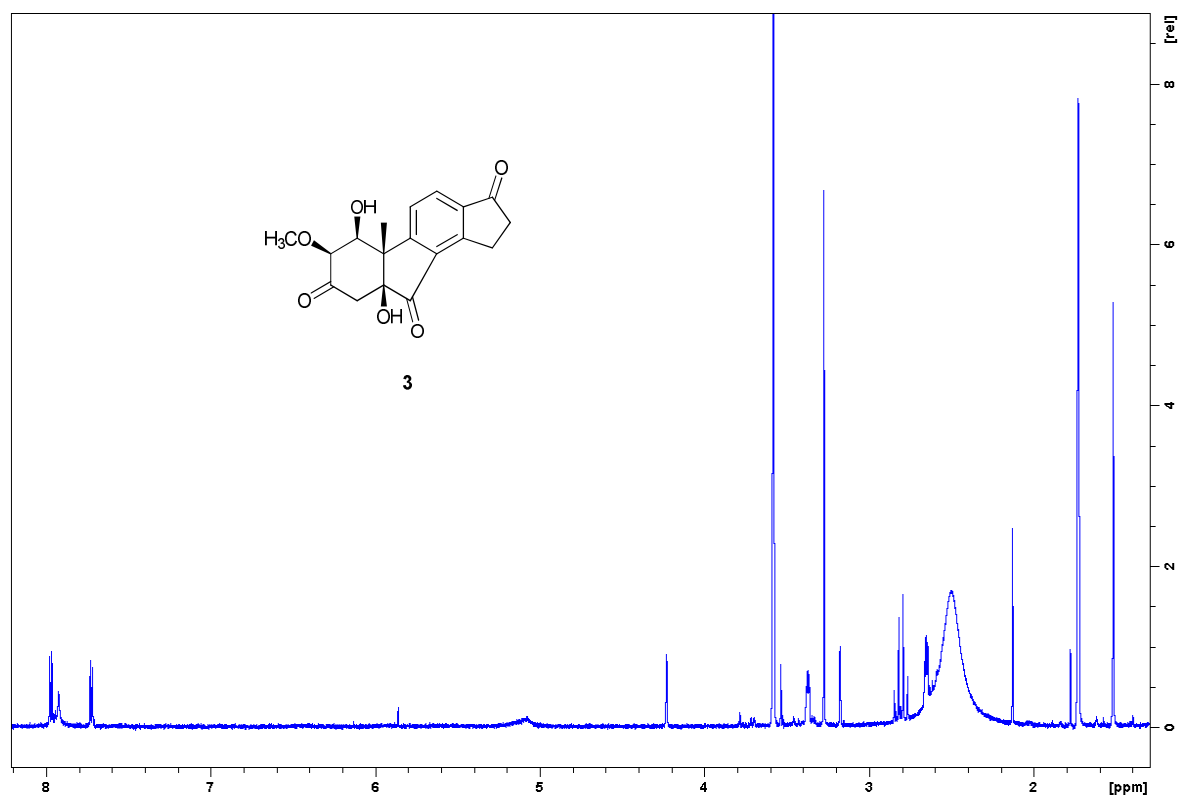


Magnification of another HSQC-DEPT of B-nor viridin enol (**2**) (600 MHz, CDCl₃, 30°C) showing CH-29 cross-peak.

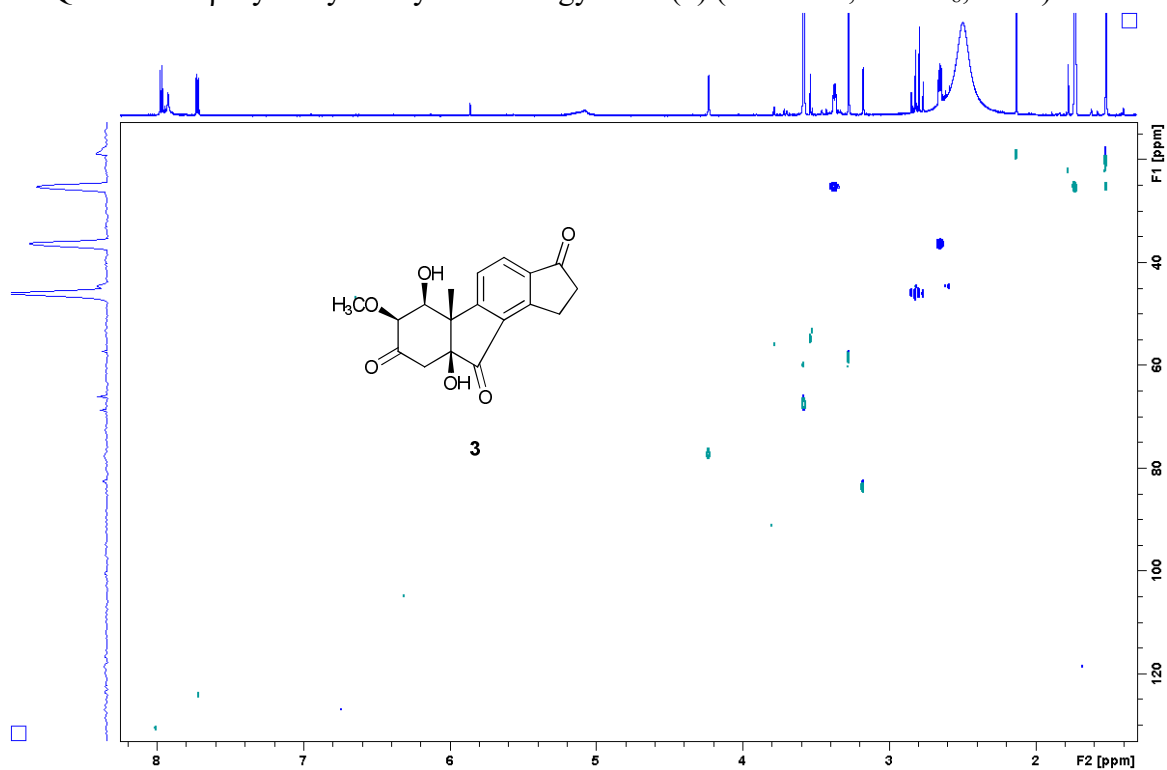


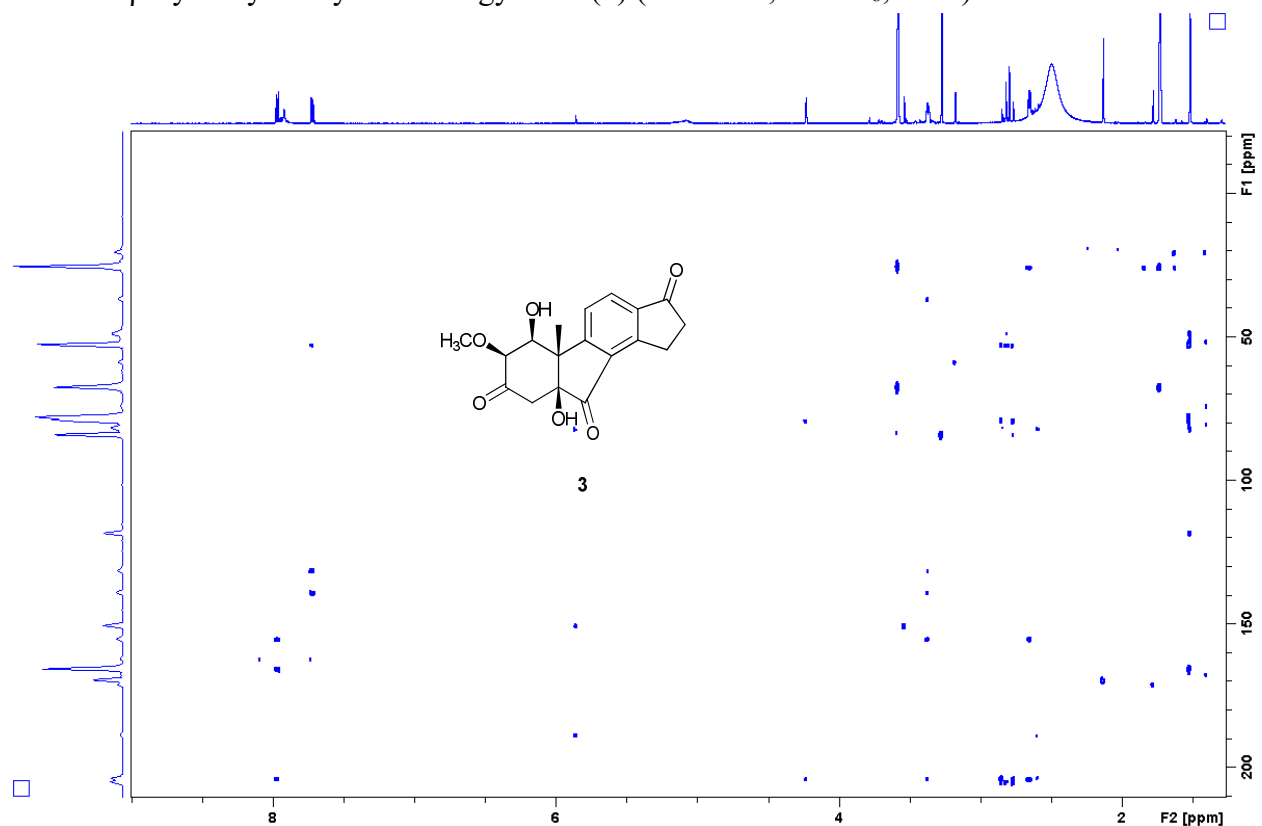
HMBC of B-nor viridin enol (**2**) (600 MHz, CDCl₃, 30°C)HRMS (positive mode) spectrum of B-nor viridin enol (**2**)

^1H NMR 1 β -hydroxy-2 α -hydro-asterogynin A (**3**) (600 MHz, THF- d_8 , 25°C)



HSQC-DEPT 1 β -hydroxy-2 α -hydro-asterogynin A (**3**) (600 MHz, THF- d_8 , 25°C)



HMBC 1 β -hydroxy-2 α -hydro-asterogynin A (**3**) (600 MHz, THF-*d*₈, 25°C)HRMS (positive mode) spectrum 1 β -hydroxy-2 α -hydro-asterogynin A (**3**)