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# Supporting Information

for

# Cassane diterpenoids with α-glucosidase inhibitory activity from the fruits of *Pterolobium macropterum*

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## Copies of NMR spectra for compounds 1 and 3

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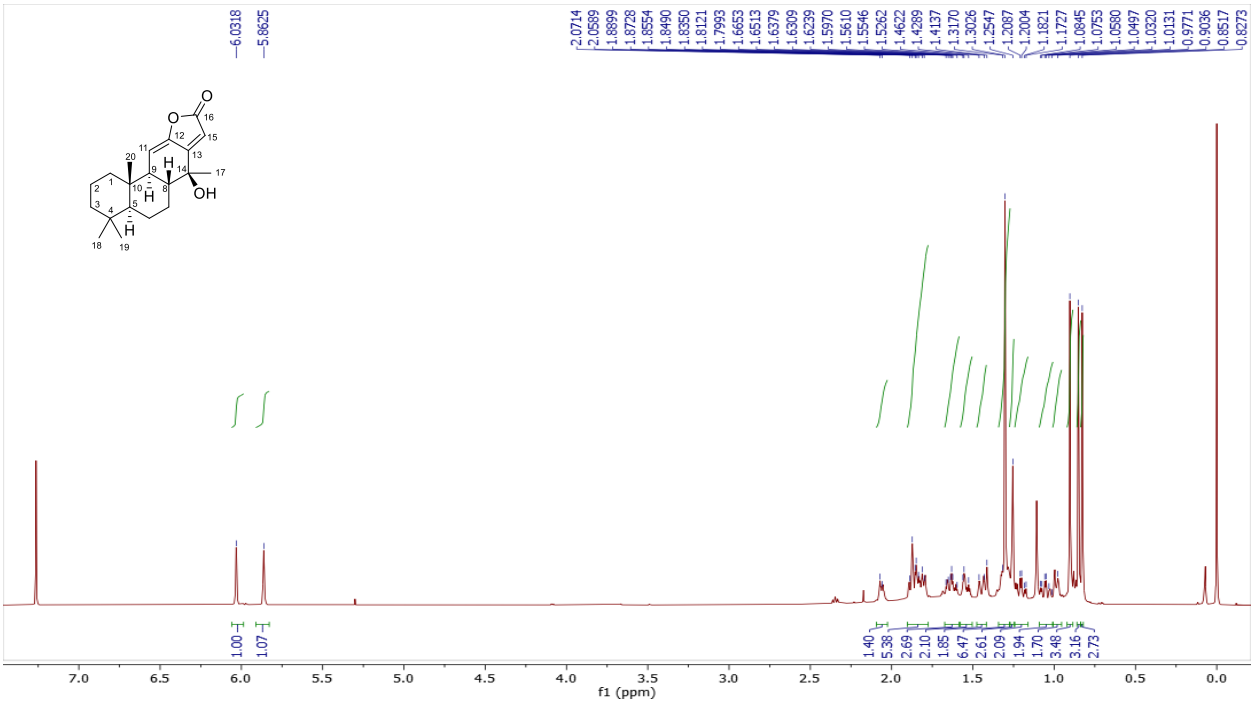


**Figure S1**. $^{1}$H NMR (500 MHz, $CDCl_3$) spectrum of 14β-hydroxycassa-11(12),13(15)-dien-12,16-olide (**1**).

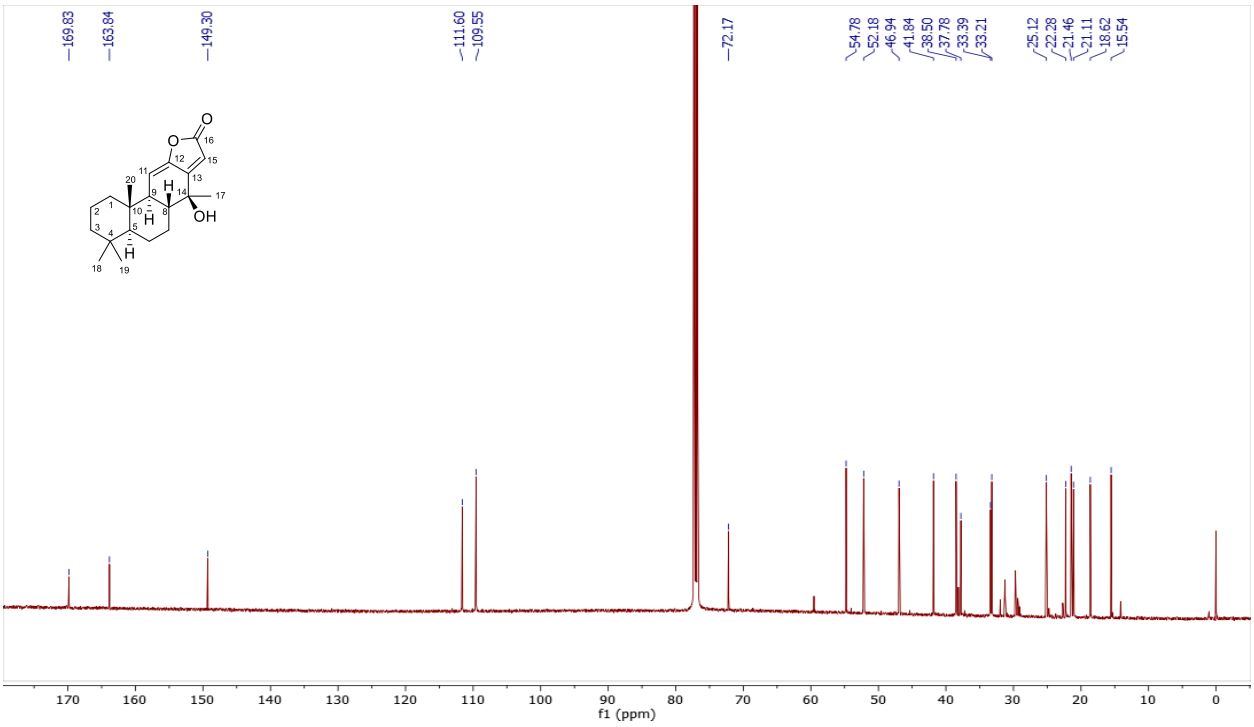


**Figure S2**. $^{13}$C NMR (125 MHz, $CDCl_3$) spectrum of 14β-hydroxycassa-11(12),13(15)-dien-12,16-olide (**1**).

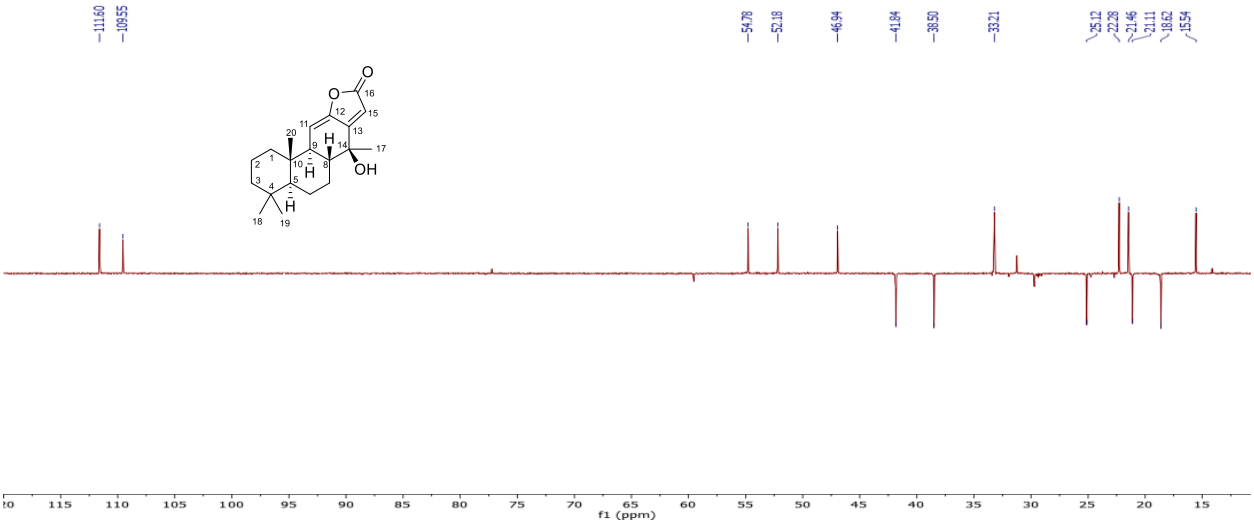


**Figure S3**. DEPT135 spectrum of 14β-hydroxycassa-11(12),13(15)-dien-12,16-olide (**1**).

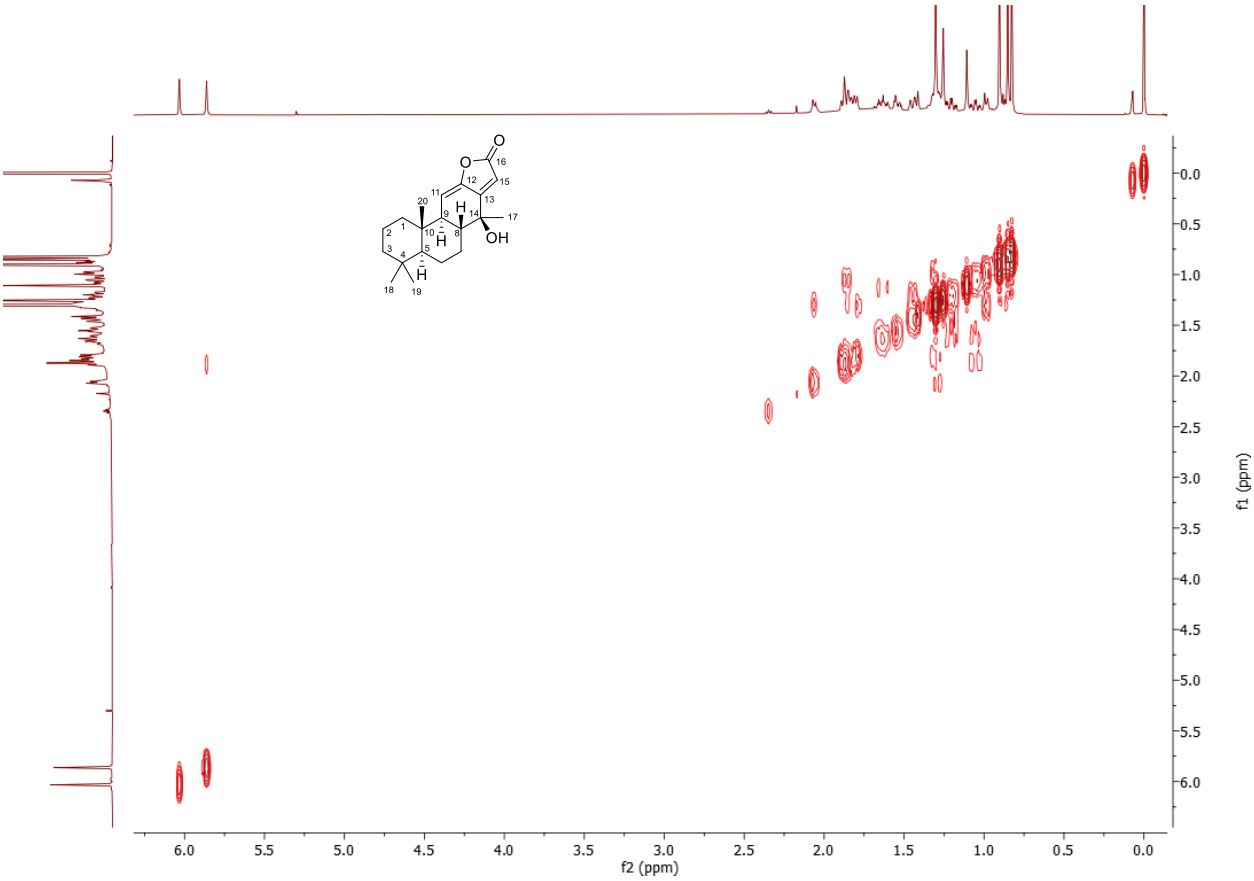


**Figure S4**. $^{1}$H-$^{1}$H COSY spectrum of 14β-hydroxycassa-11(12),13(15)-dien-12,16-olide (**1**).

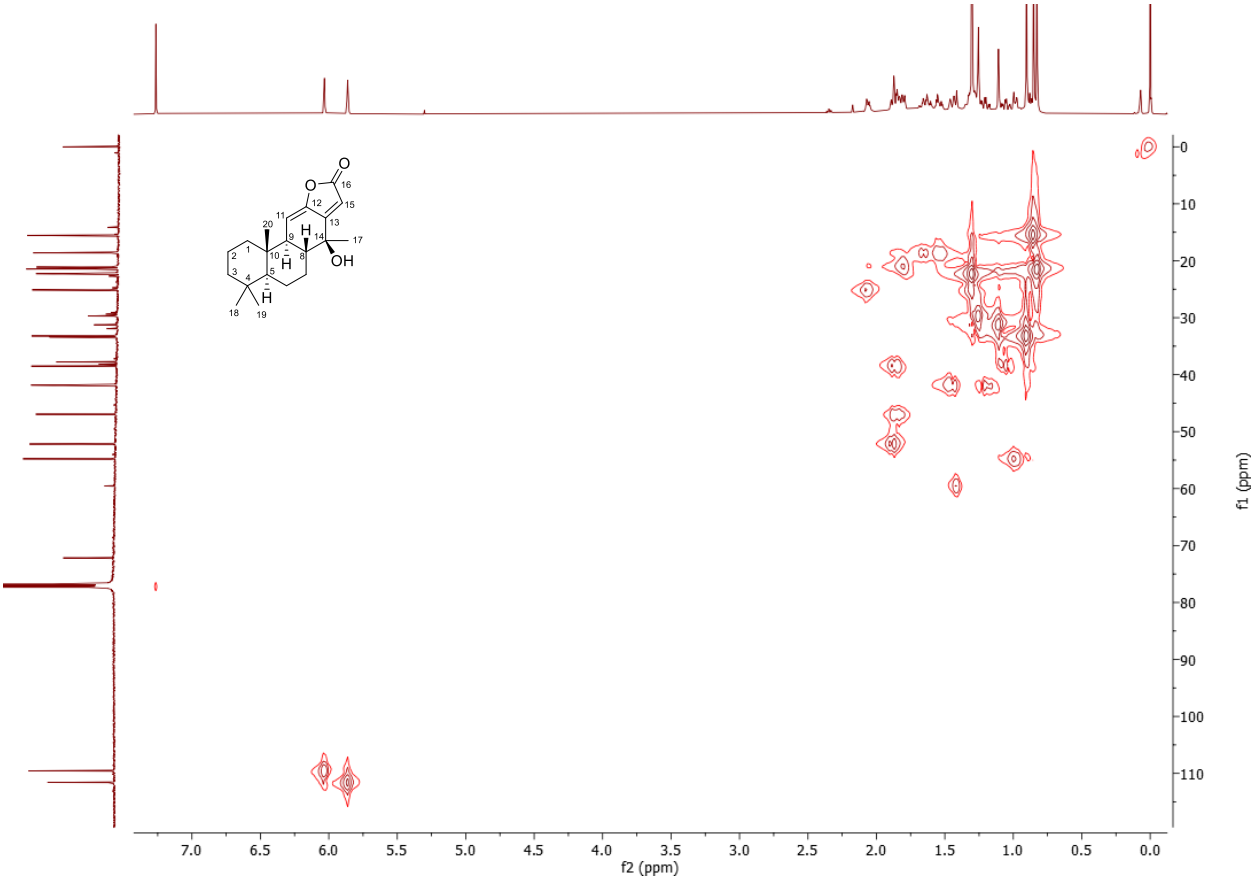


**Figure S5**. HMQC spectrum of 14β-hydroxycassa-11(12),13(15)-dien-12,16-olide (**1**).

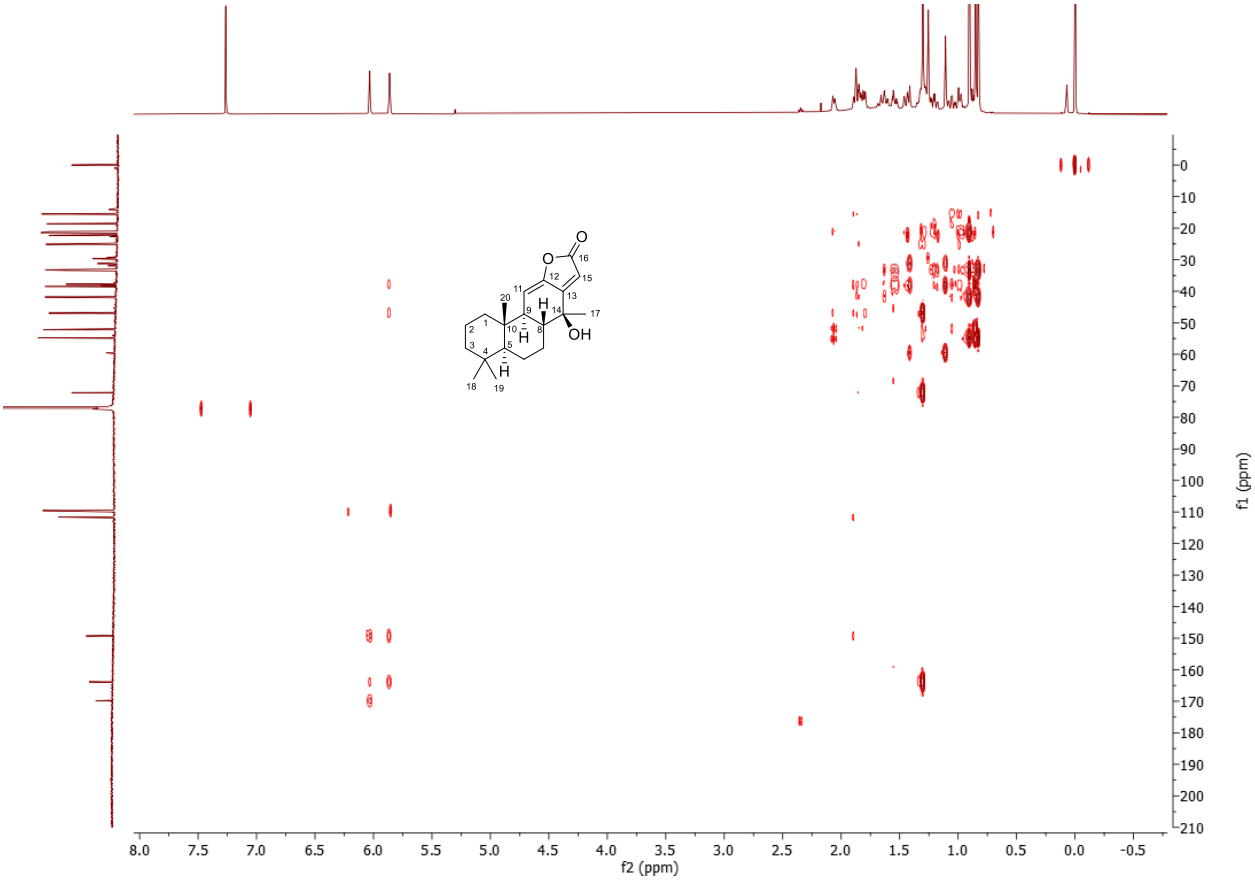


**Figure S6**. HMBC spectrum of 14β-hydroxycassa-11(12),13(15)-dien-12,16-olide (**1**).

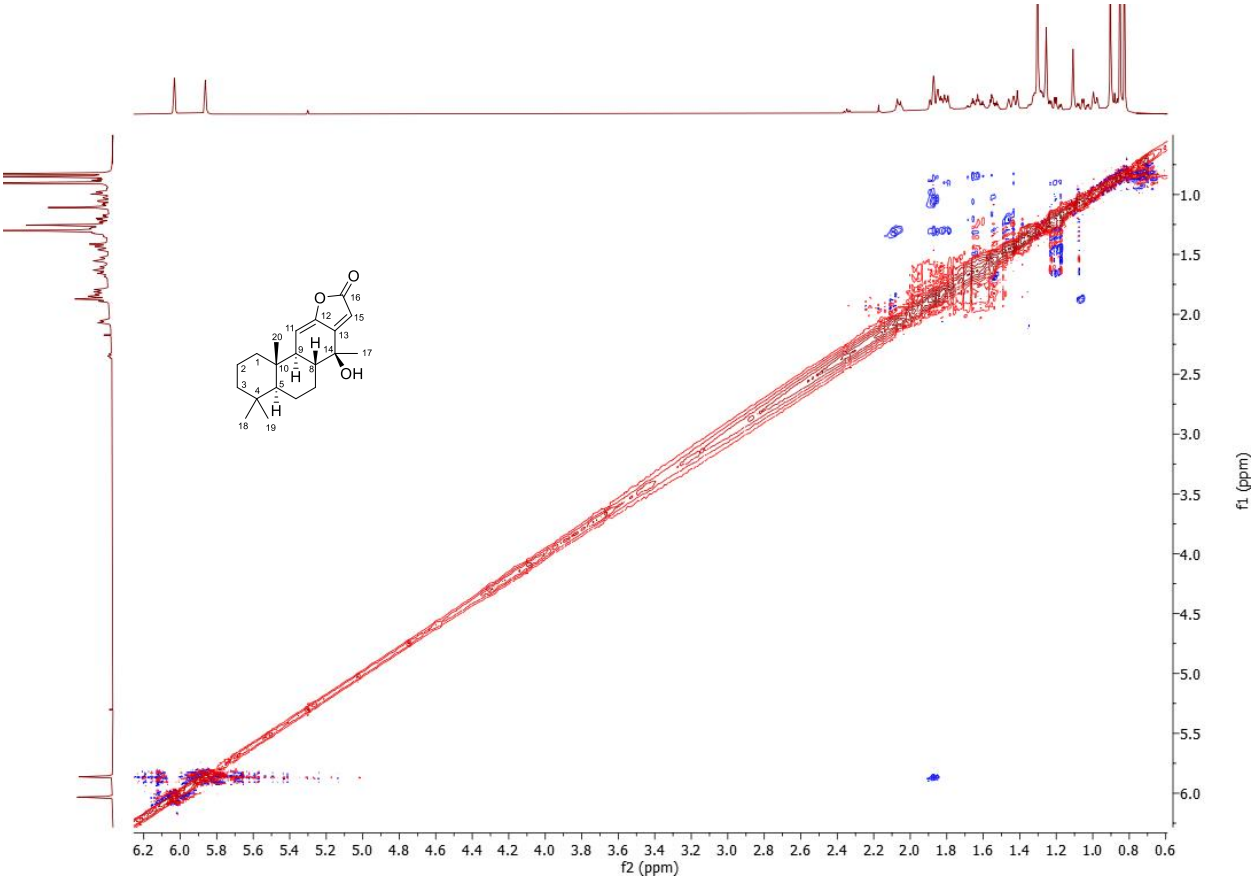


**Figure S7**. NOESY spectrum of 14β-hydroxycassa-11(12),13(15)-dien-12,16-olide (**1**).

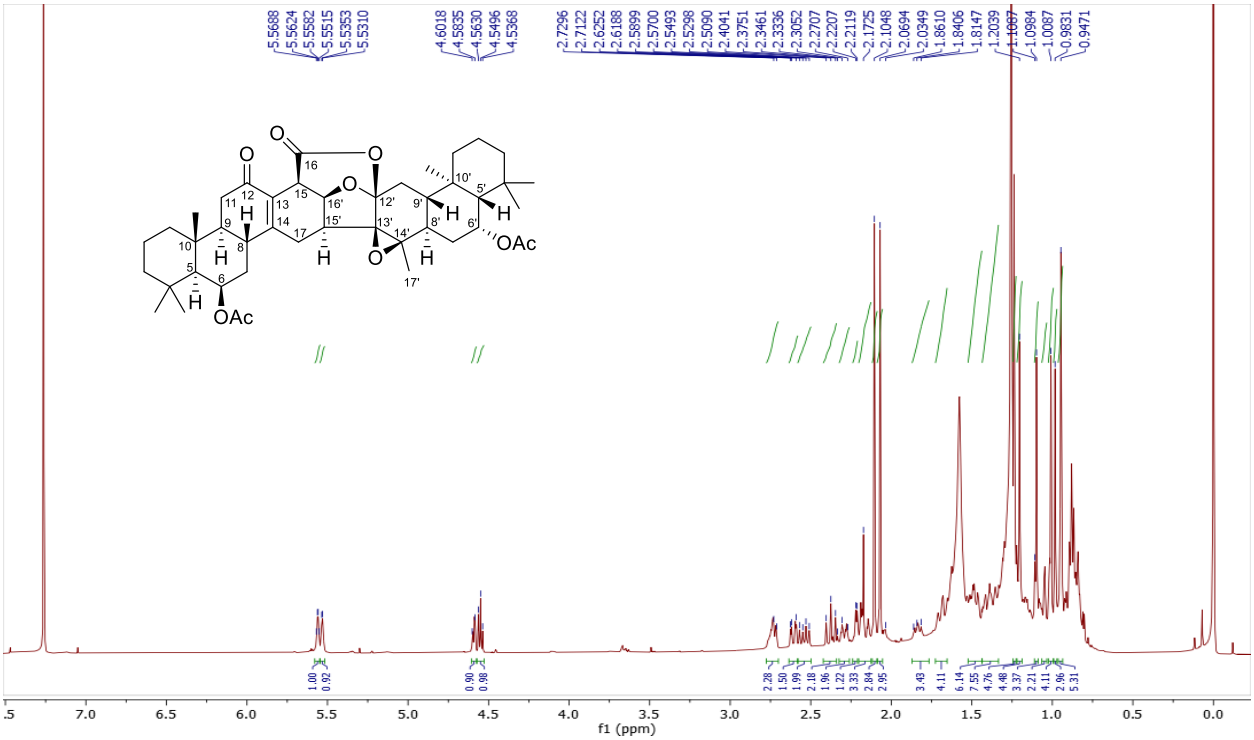


**Figure S8**. $^{1}H$ NMR (500 MHz, $CDCl_3$) spectrum of 6′-acetoxypterolobirin B (**3**).

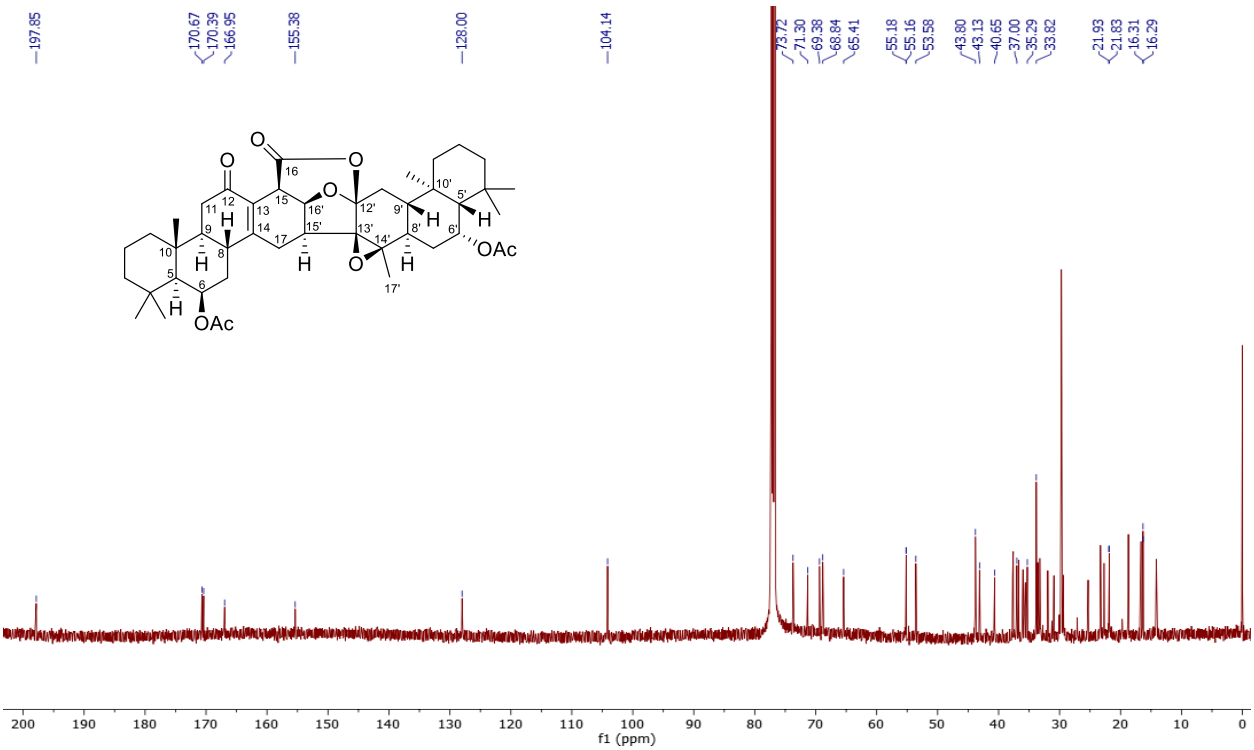


**Figure S9**. $^{13}C$ NMR (125 MHz, $CDCl_3$) spectrum of 6′-acetoxypterolobirin B (**3**).

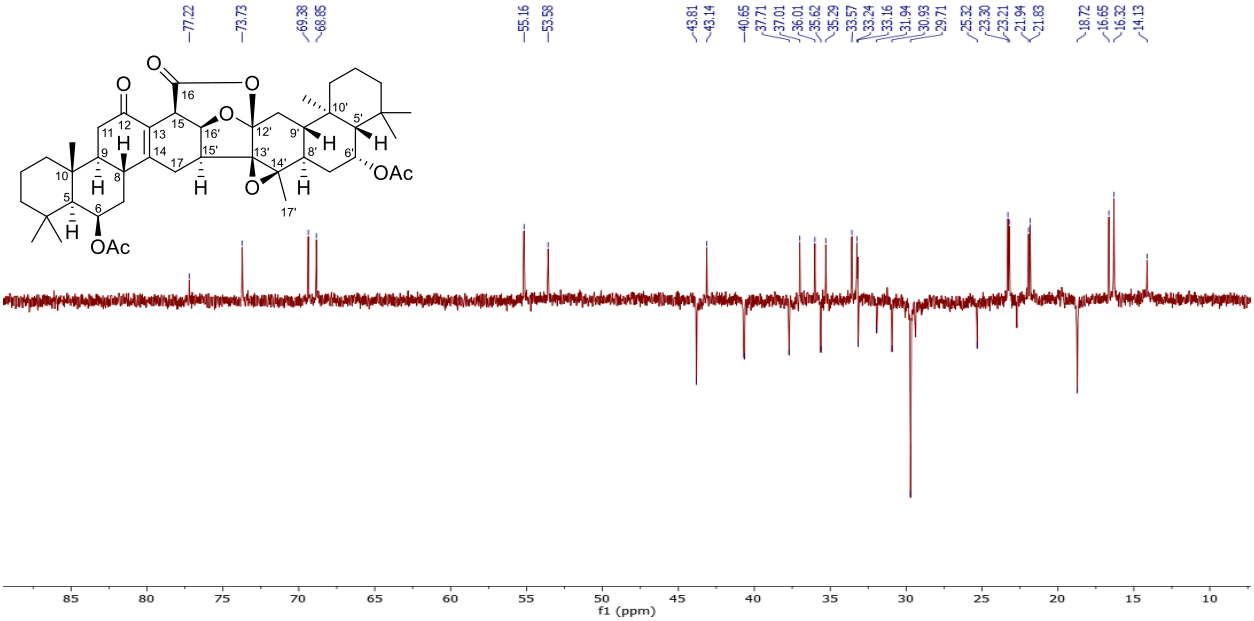


**Figure S10**. DEPT135 spectrum of 6′-acetoxypterolobirin B (**3**).

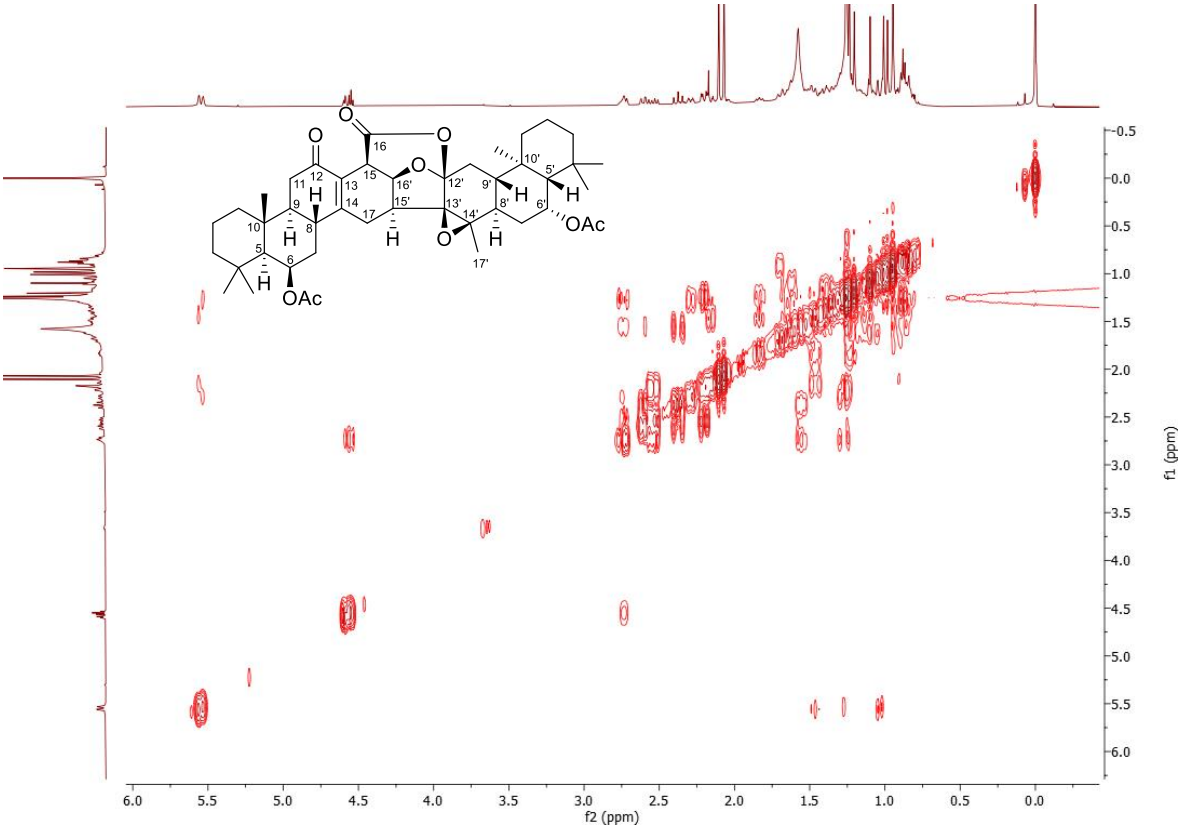


**Figure S11**. $^{1}$H,$^{1}$H COSY spectrum of 6′-acetoxypterolobirin B (**3**).

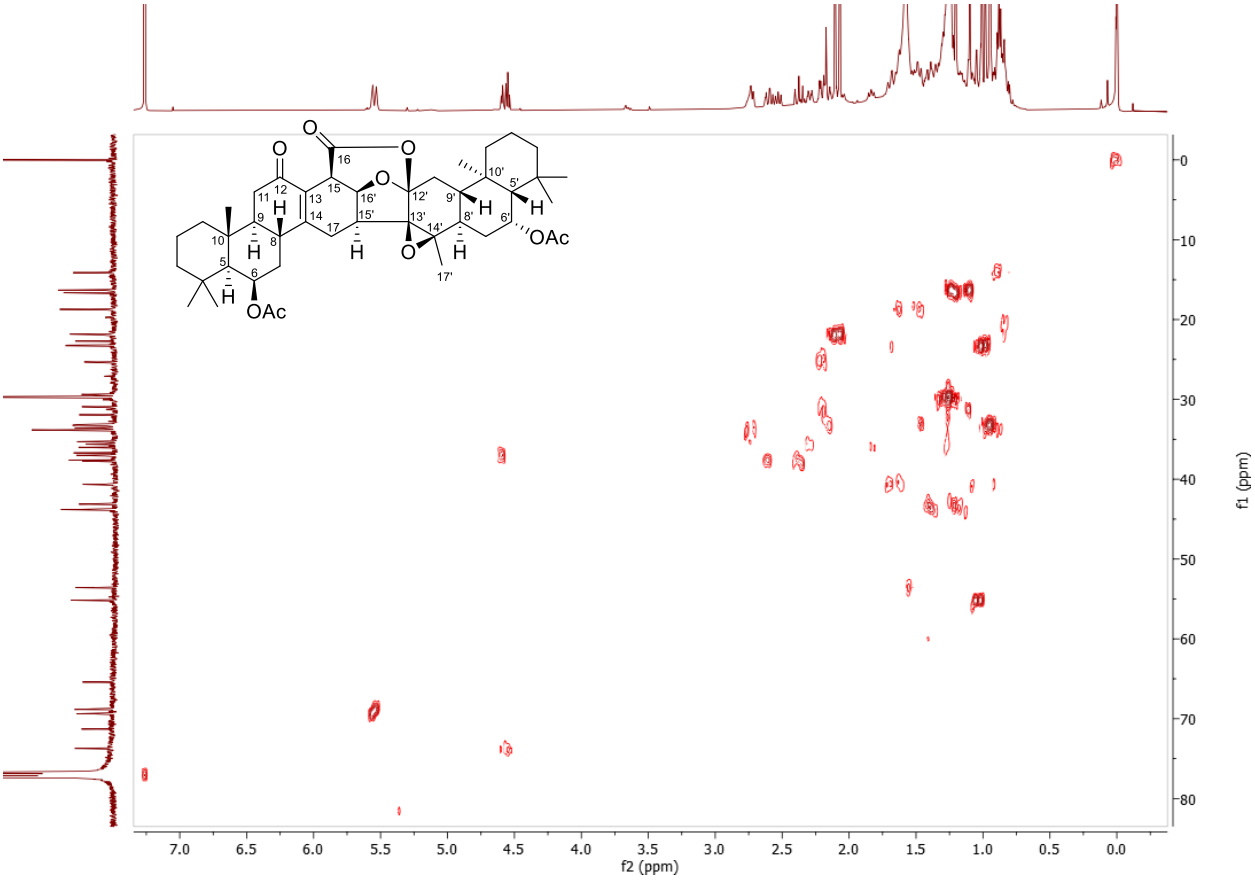


**Figure S12**. HMQC spectrum of 6′-acetoxypterolobirin B (**3**).

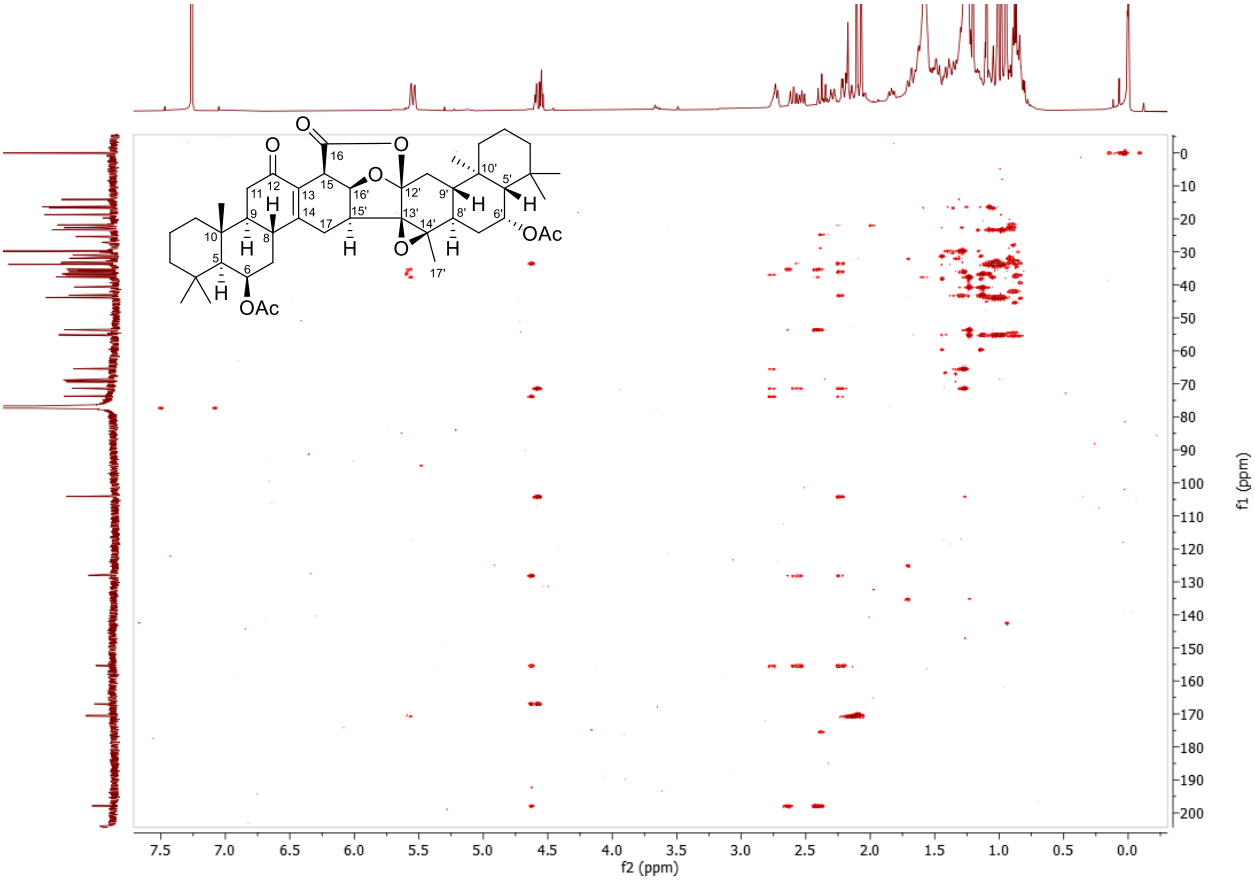


**Figure S13**. HMBC spectrum of 6′-acetoxypterolobirin B (**3**).

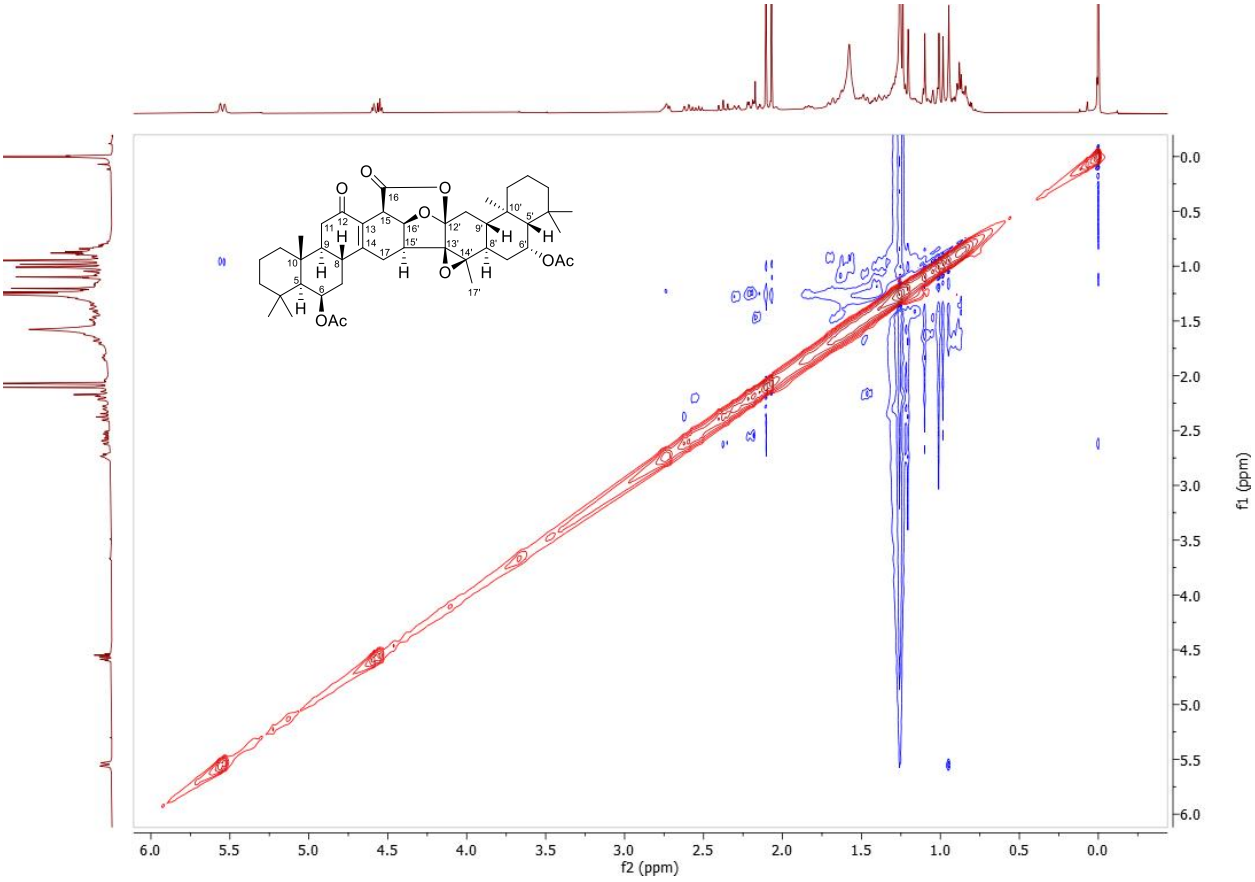


**Figure S14**. NOESY spectrum of 6′-acetoxypterolobirin B (**3**).

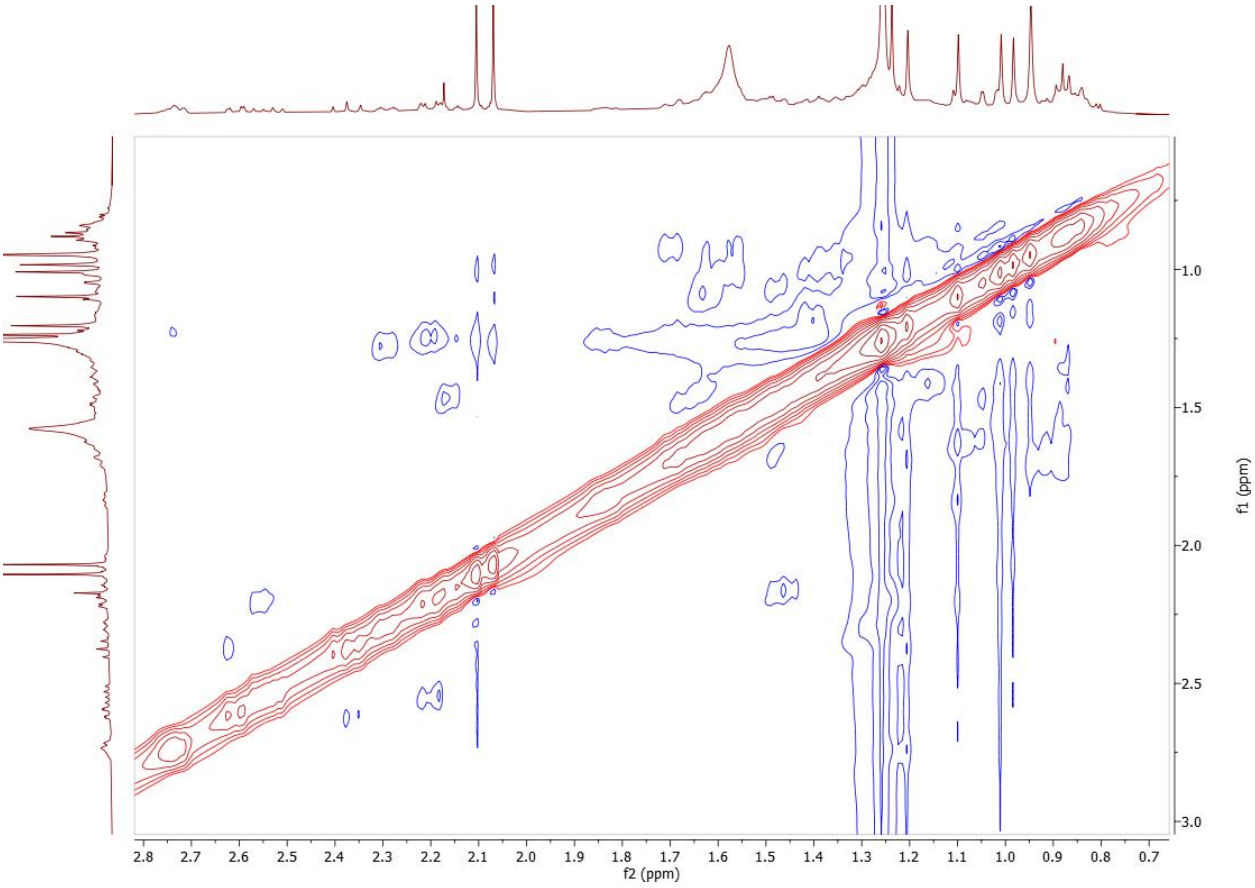


**Figure S15**. Magnified NOESY spectrum of 6′-acetoxypterolobirin B (**3**).