

Supplementary Materials

Figure S1. ^1H NMR ($\text{MeOH-}d_4$, 600 MHz) spectrum of adenosine.

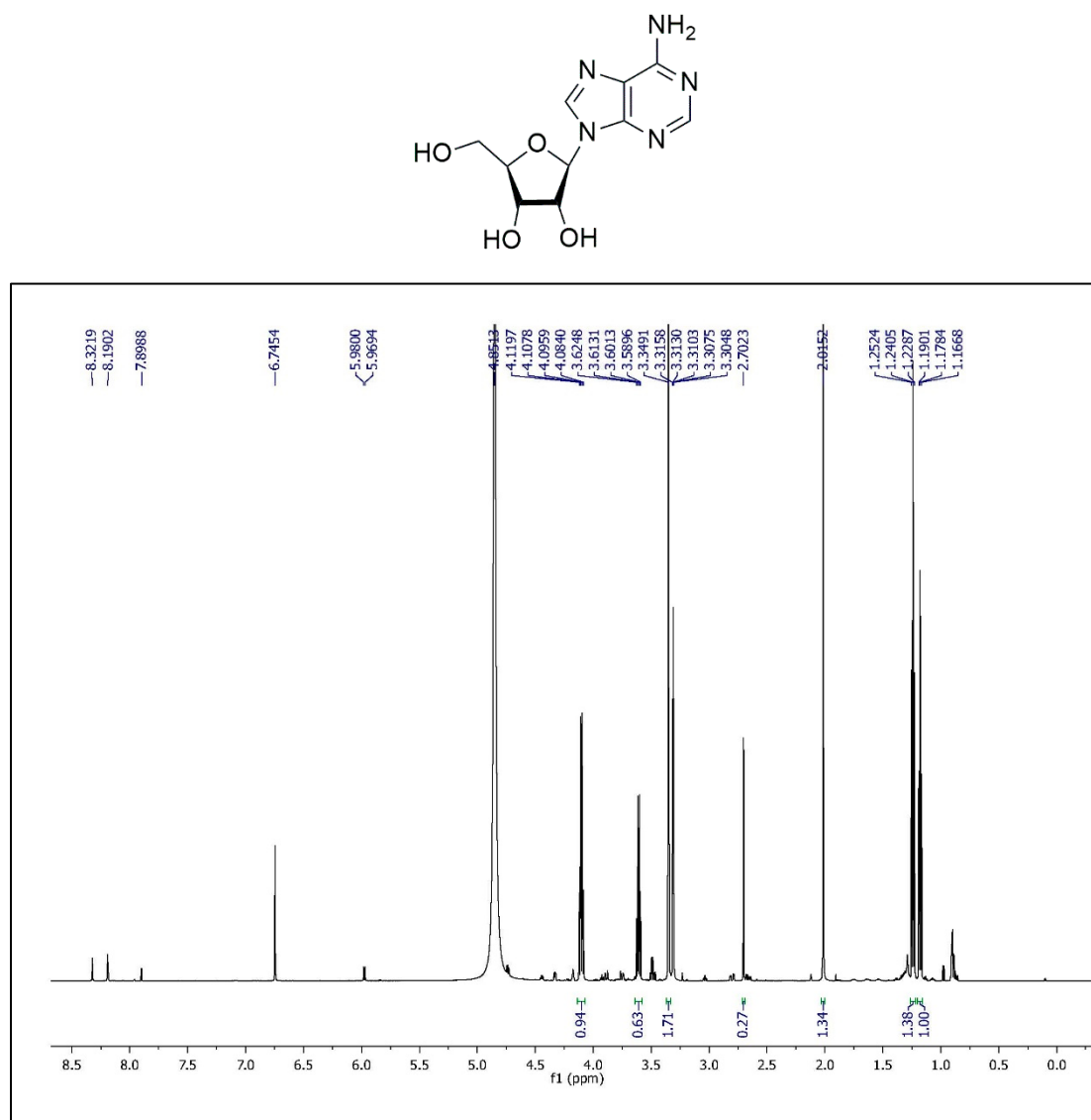
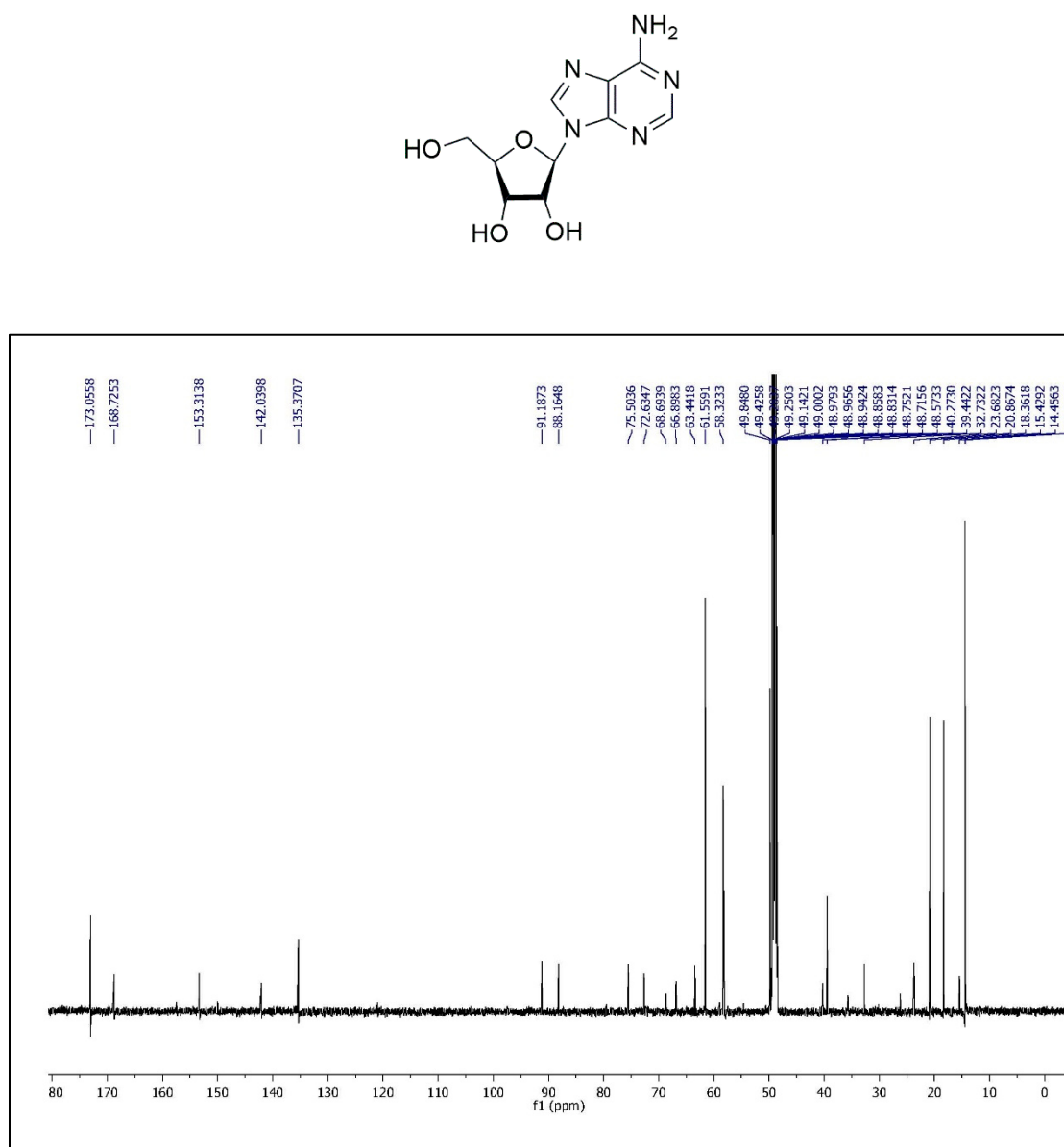


Figure S2. ^{13}C NMR ($\text{MeOH-}d_4$, 150 MHz) spectrum of adenosine.



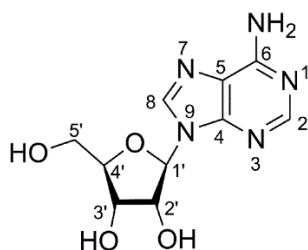


Table S1. ^1H and ^{13}C NMR spectroscopic data of adenosine (**1**).

Position	^1H (ppm) ¹	^{13}C (ppm) ²
2	8.32, s	153.3
4		150.0
5		120.0
6		168.7
8	8.19, s	142.0
1'	5.97, d (6.4)	91.2
2'	4.43, br s	75.5
3'	4.40, br s	72.6
4'	4.21, br s	88.2
5'	3.80, m	63.4
NH ₂	6.62, br s	

Assignments based on COSY, HSQC and HMBC. Recorded at 600 MHz in MeOH-*d*₄.¹

Recorded at 150 MHz in MeOH-*d*₄.²

Figure S3. ^1H NMR ($\text{MeOH-}d_4$, 600 MHz) spectrum of herierin III.

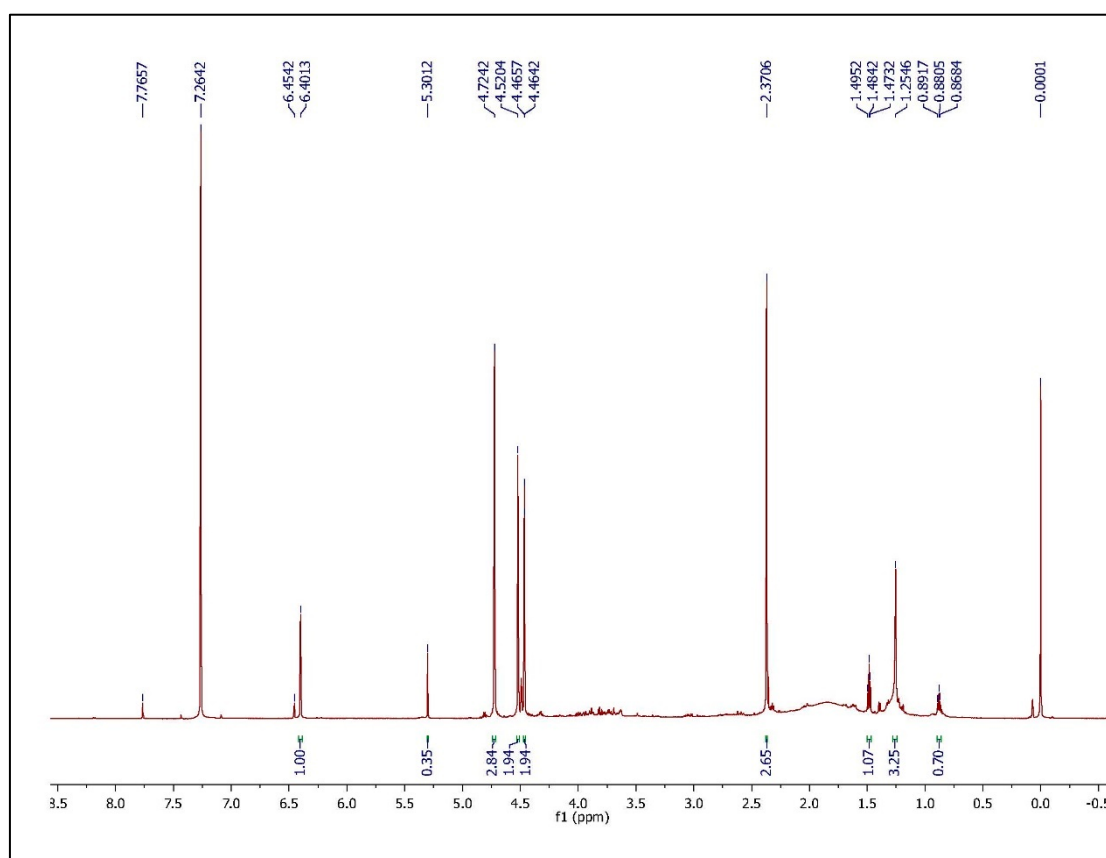
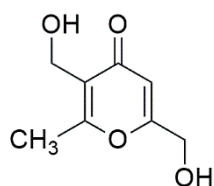
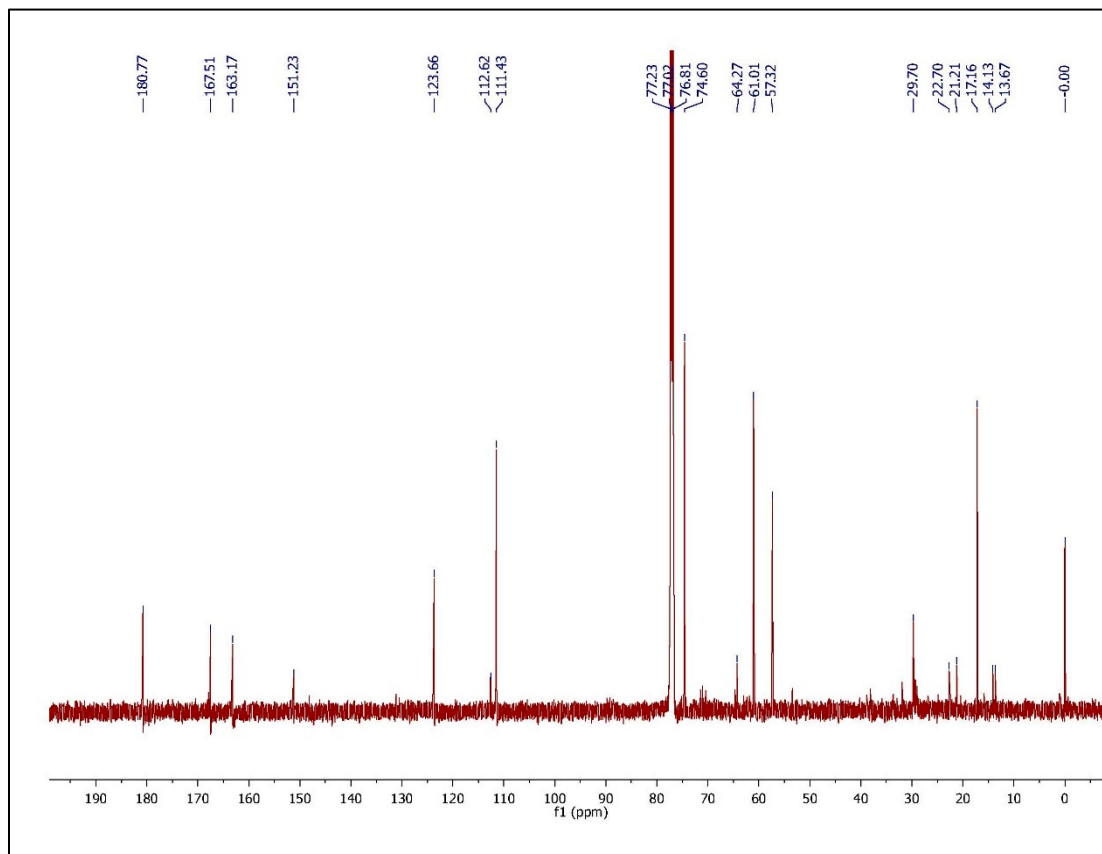
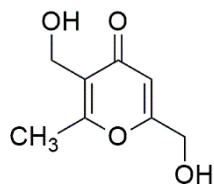


Figure S4. ^{13}C NMR ($\text{MeOH-}d_4$, 150 MHz) spectrum of herierin III.



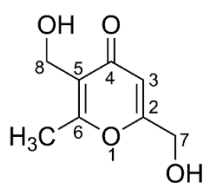


Table S2. ^1H and ^{13}C NMR spectroscopic data of herierin III.

Position	^1H (ppm) ¹	^{13}C (ppm) ²
2		167.5
3	6.40 s	111.4
4		180.8
5		123.7
6		163.2
7	4.46 s	61.0
8	4.52 s	57.3
6-CH ₃	2.37 s	17.2

Assignments based on COSY, HSQC and HMBC. Recorded at 600 MHz in MeOH-*d*₄.¹

Recorded at 150 MHz in MeOH-*d*₄.²

Figure S5. ^1H NMR ($\text{MeOH-}d_4$, 600 MHz) spectrum of herierin IV.

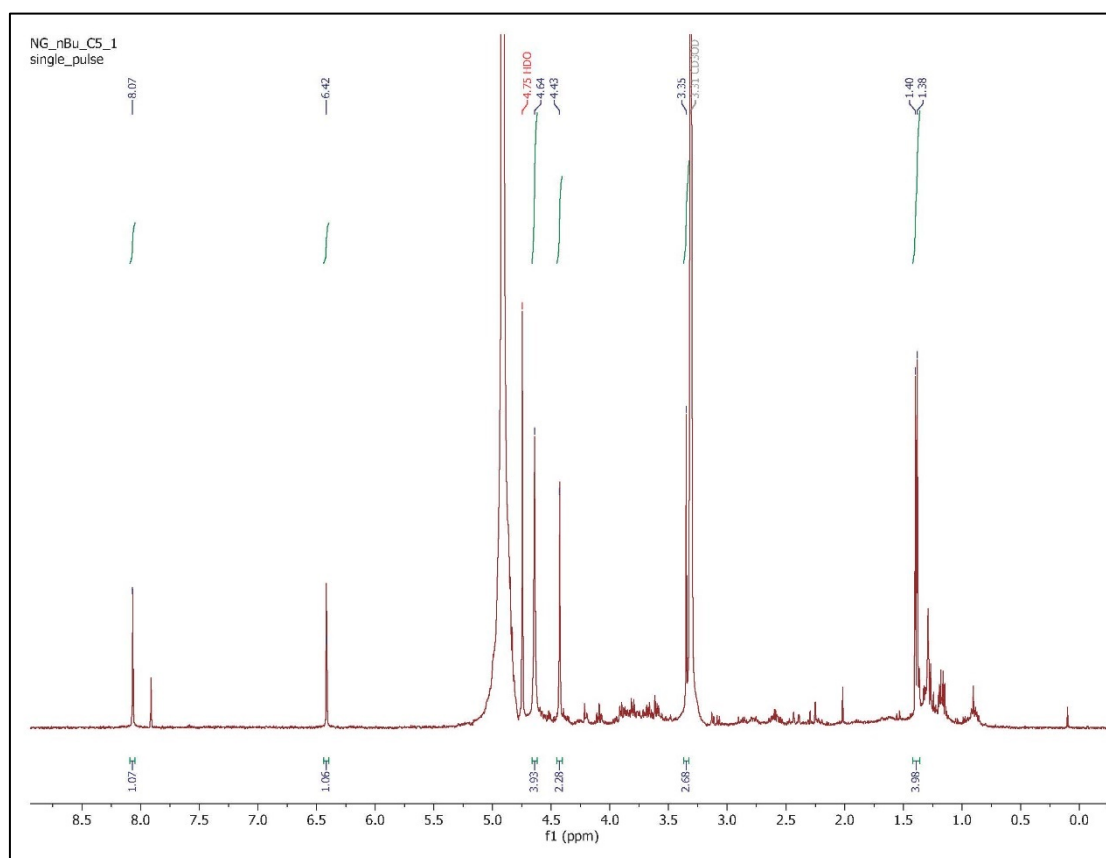
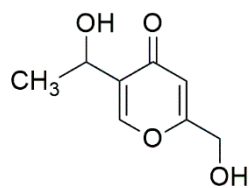
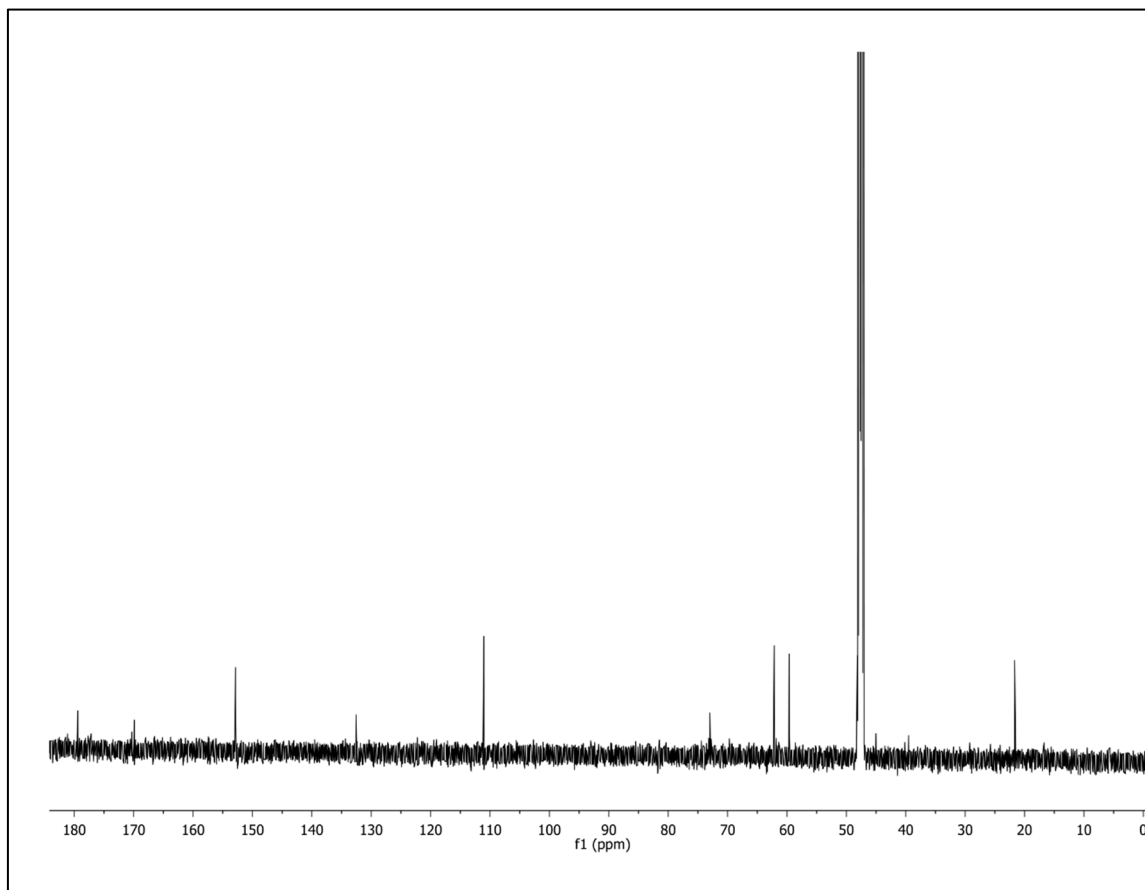
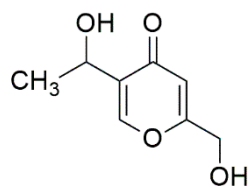


Figure S6. ^{13}C NMR ($\text{MeOH-}d_4$, 150 MHz) spectrum of herierin IV.



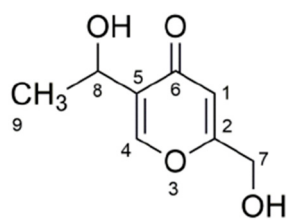


Table S3. ^1H and ^{13}C NMR spectroscopic data of herierin IV.

Position	^1H (ppm) ¹	^{13}C (ppm) ²
1	6.42 s	112.5
2		171.3
4	8.07 s	171.7
5		134.0
6		180.8
7	4.64 s	61.0
8	4.43 s	63.6
9-CH ₃	1.38 d	23.0

Assignments based on COSY, HSQC and HMBC. Recorded at 600 MHz in MeOH- d_4 .¹

Recorded at 150 MHz in MeOH- d_4 .²

Figure S7. Effects of 3-AP and *H.E.* treatment on animal body weight and motor coordination and balance. (A) Body weight changes during the experimental period. (B) Pre-treatment relative latency to fall (C) Relative percentage deficits of latency to fall of accelerated rotarod test. (D) Relative latency to fall of rod test. Indicators: * P -values ≤ 0.05 , ** P -values ≤ 0.01 .

Figure S7

