

Toward unsymmetrical 2,6-bistriazolylpurine nucleosides

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SUPPLEMENTARY INFORMATION

Copies of ^1H and ^{13}C NMR spectra

9-(2',3',5'-Tri-*O*-acetyl- β -D-ribofuranosyl)-2-(4-methoxycarbonyl-1*H*-1,2,3-triazol-1-yl)-6-(4-phenyl-1*H*-1,2,3-triazol-1-yl)-9*H*-purine (2a)

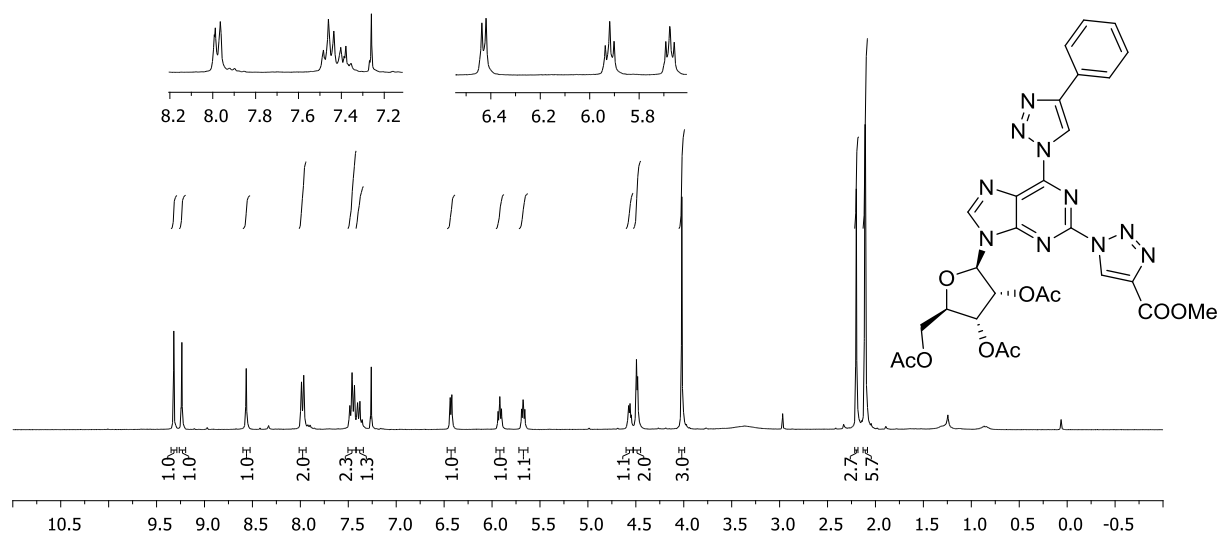


Figure S1: ^1H -NMR (300 MHz, CDCl_3) spectrum.

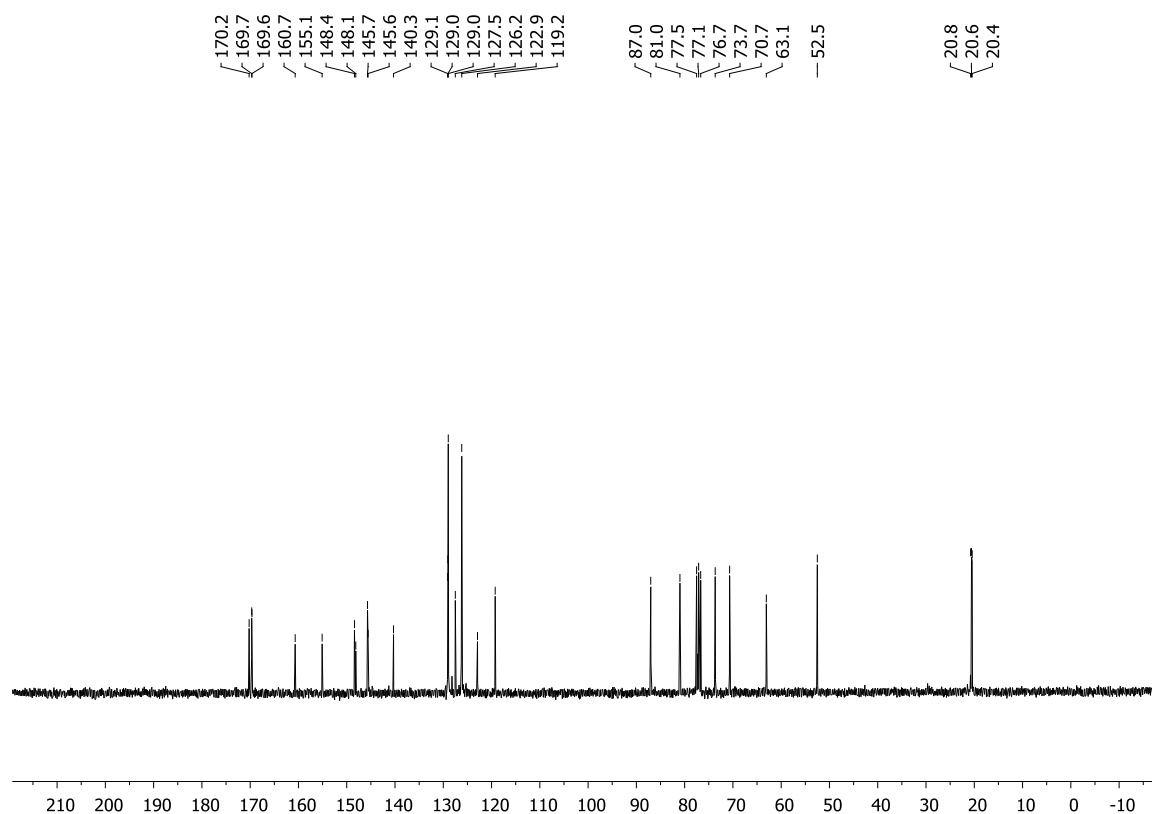


Figure S2: ^{13}C -NMR (75.5 MHz, CDCl_3) spectrum.

Mixture of 9-(2',3',5'-tri-*O*-acetyl- β -D-ribofuranosyl)-2-(4-methoxycarbonyl-1*H*-1,2,3-triazol-1-yl)-6-(4-phenyl-2*H*-1,2,3-triazol-2-yl)-9*H*-purine (2b) and compound 2a

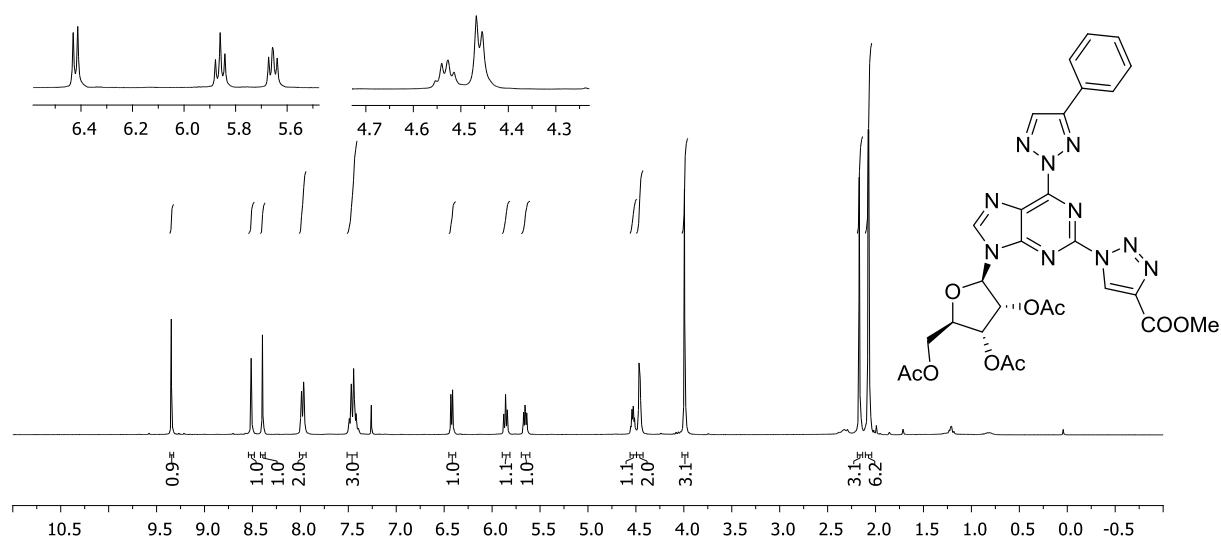


Figure S3: ¹H-NMR (300 MHz, CDCl₃) spectrum.

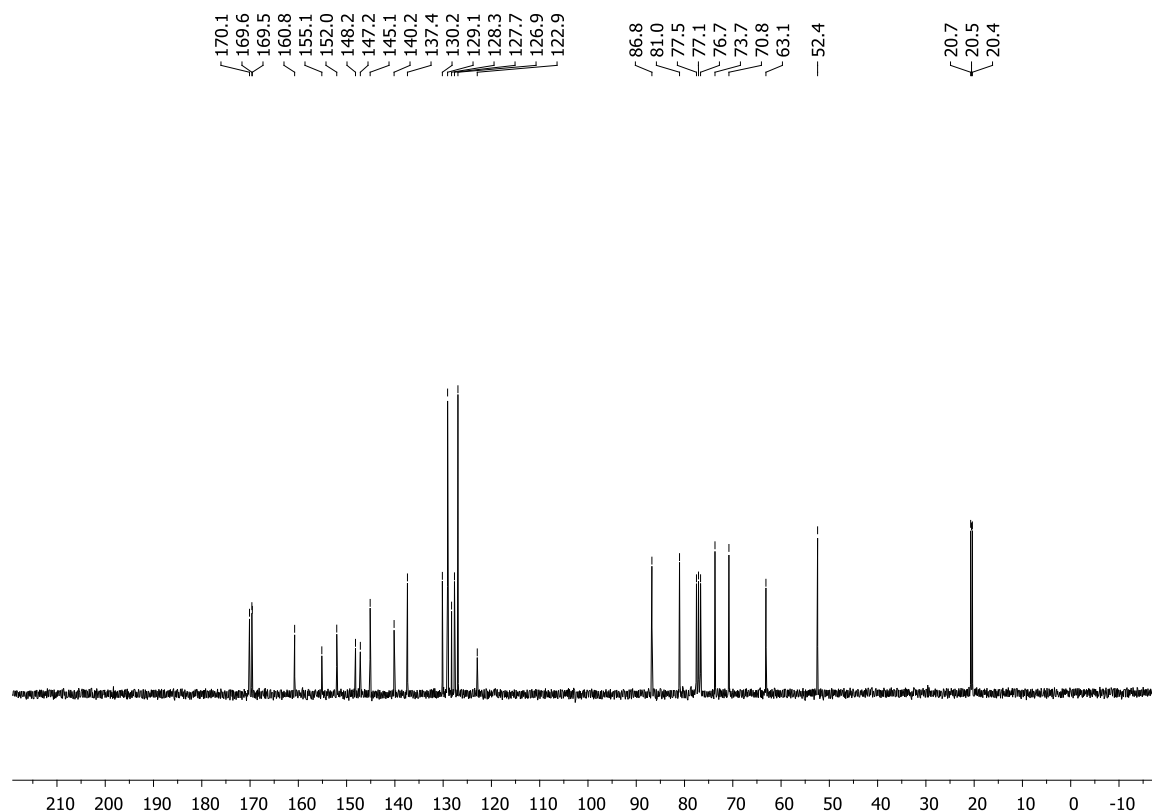


Figure S4: ¹³C-NMR (75.5 MHz, CDCl₃) spectrum.

9-(2',3',5'-Tri-*O*-acetyl- β -D-ribofuranosyl)-6-azido-2-(4-methoxycarbonyl-1*H*-1,2,3-triazol-1-yl)-9*H*-purine (3)

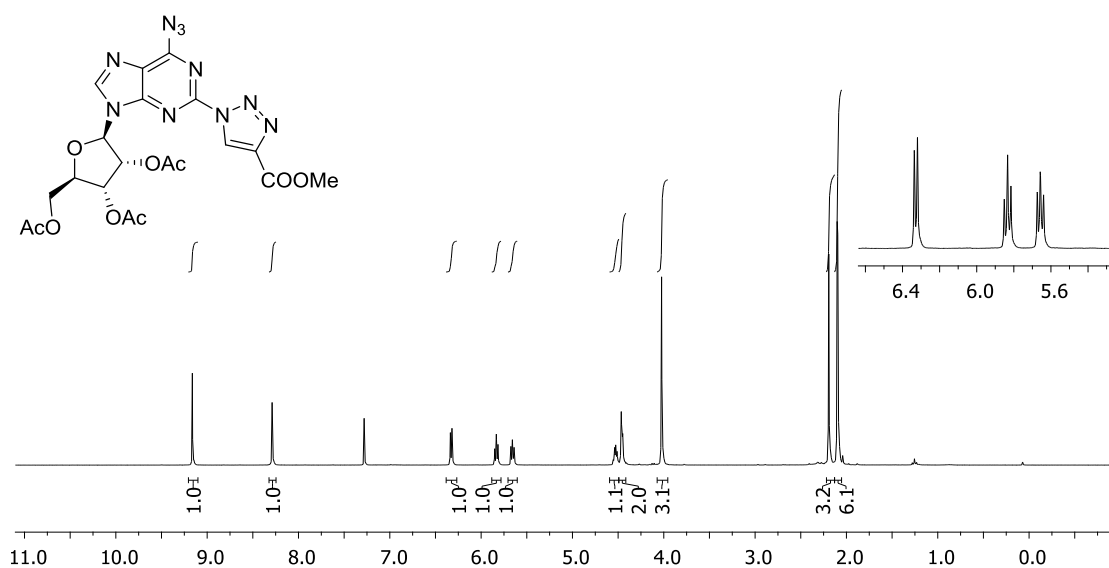


Figure S5: $^1\text{H-NMR}$ (300 MHz, CDCl_3) spectrum.

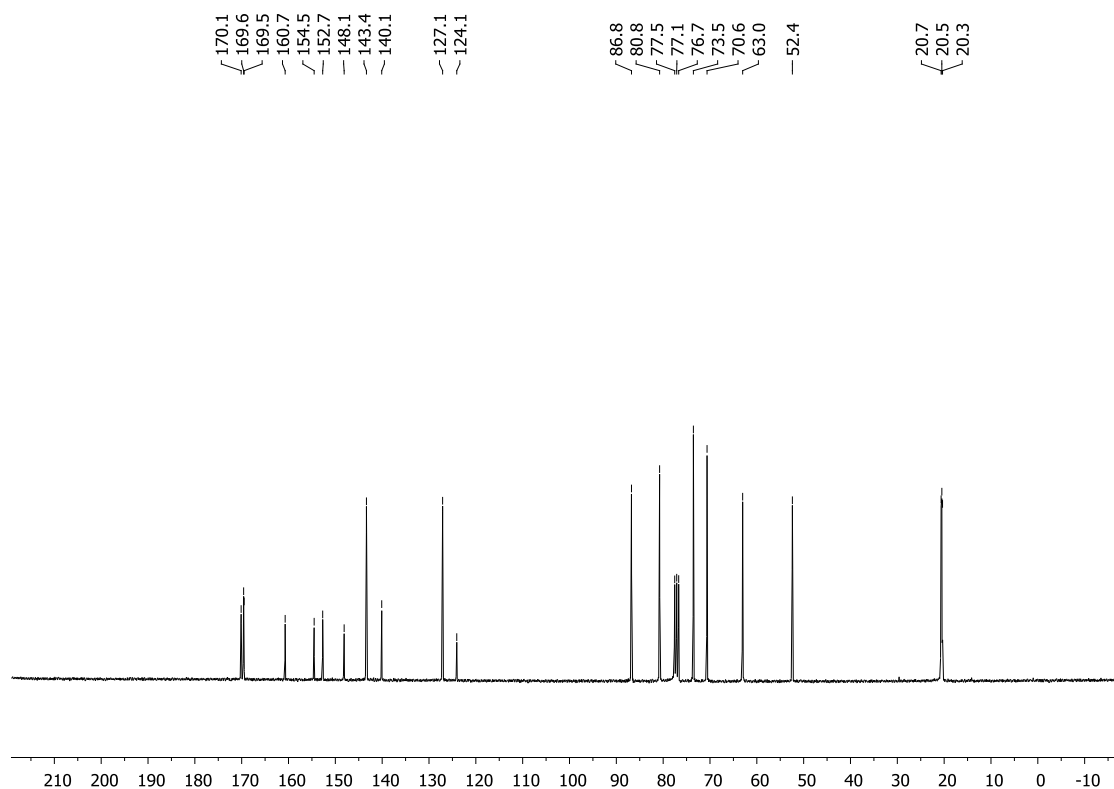


Figure S6: $^{13}\text{C-NMR}$ (75.5 MHz, CDCl_3) spectrum.

9-(2',3',5'-Tri-O-acetyl- β -D-ribofuranosyl)-6-amino-2-(4-methoxycarbonyl-1H-1,2,3-triazol-1-yl)-9H-purine (4)

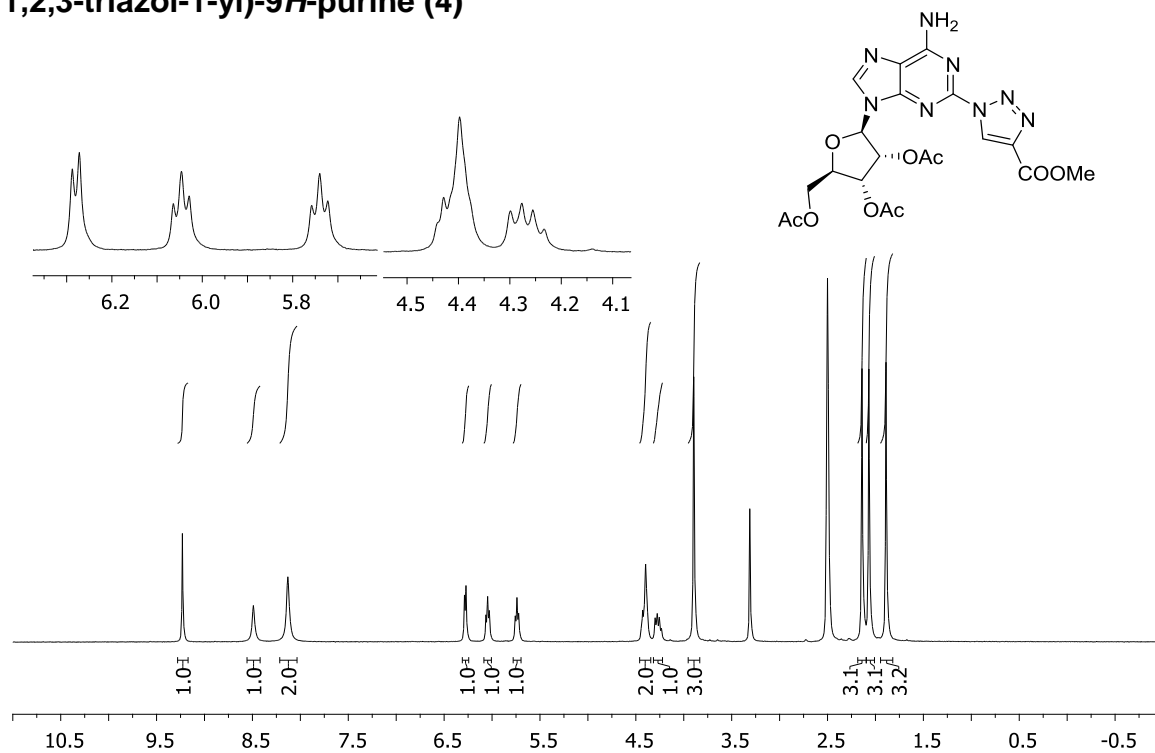


Figure S7: ¹H-NMR (300 MHz, DMSO-d₆) spectrum.

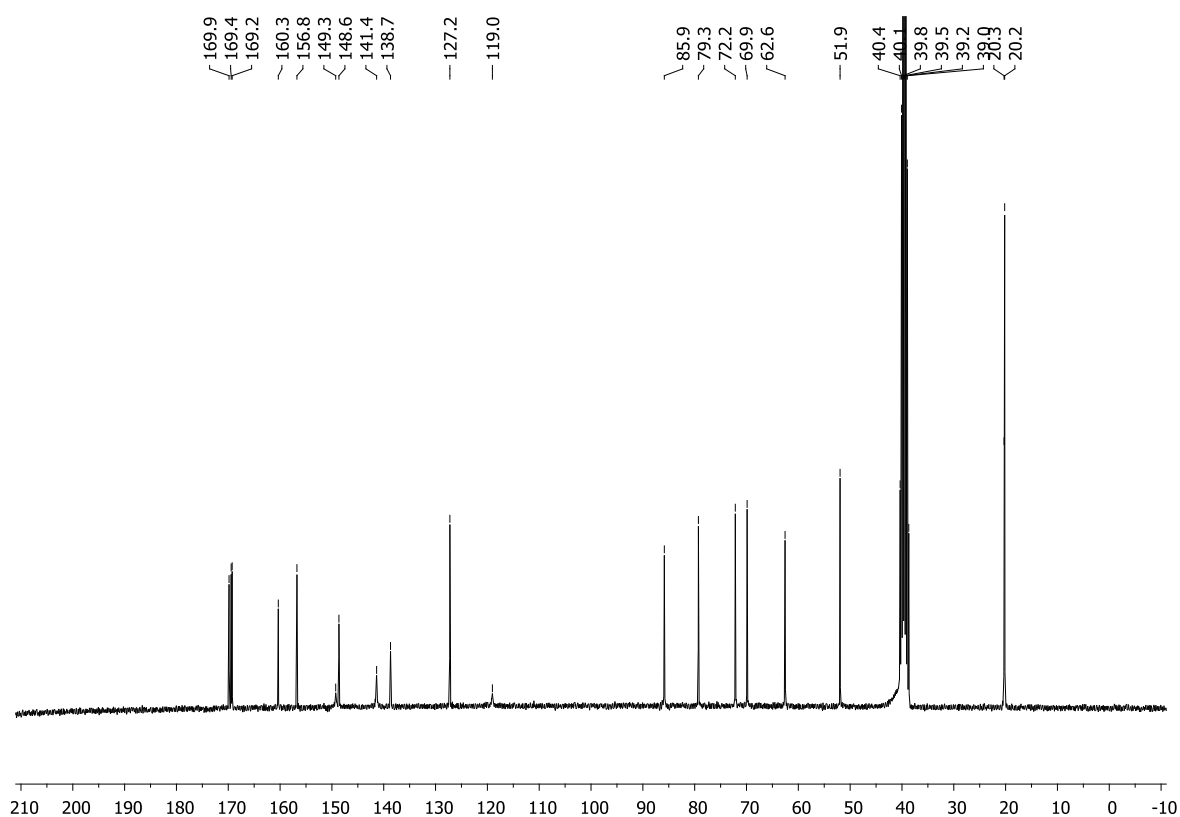


Figure S8: ¹³C-NMR (75.5 MHz, DMSO-d₆) spectrum.

9-(2',3',5'-Tri-O-acetyl- β -D-ribofuranosyl)-6-chloro-2-(4-methoxycarbonyl-1H-1,2,3-triazol-1-yl)-9H-purine (7)

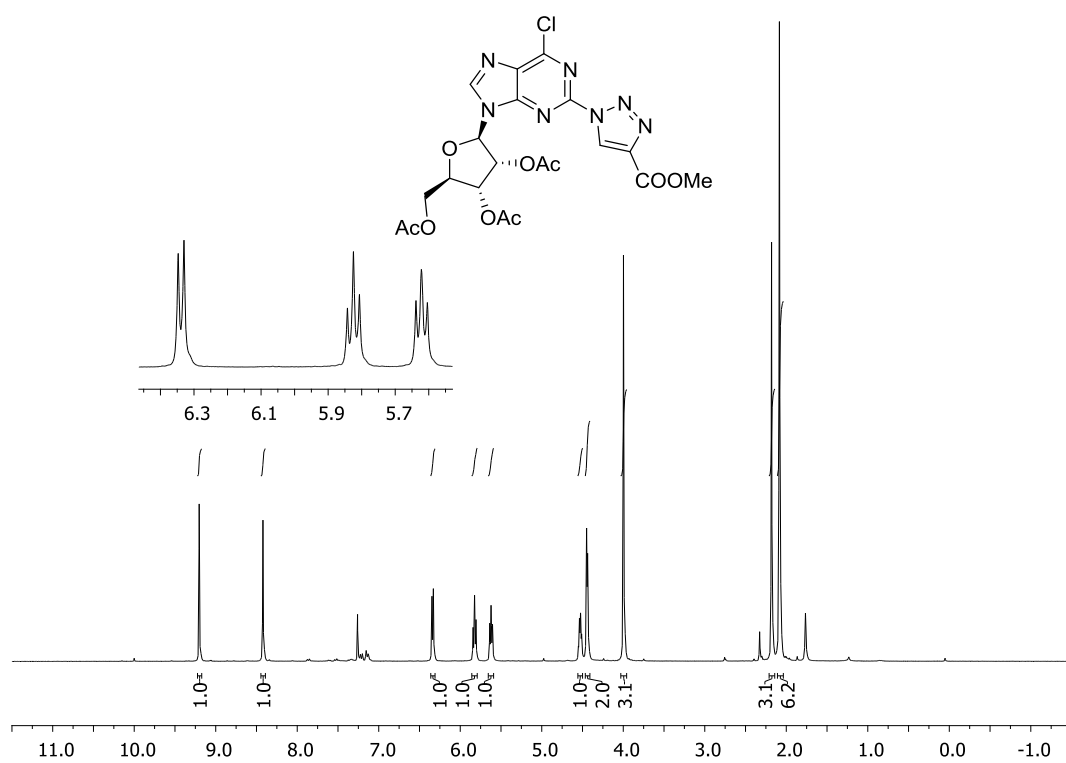


Figure S9: $^1\text{H-NMR}$ (300 MHz, CDCl_3) spectrum.

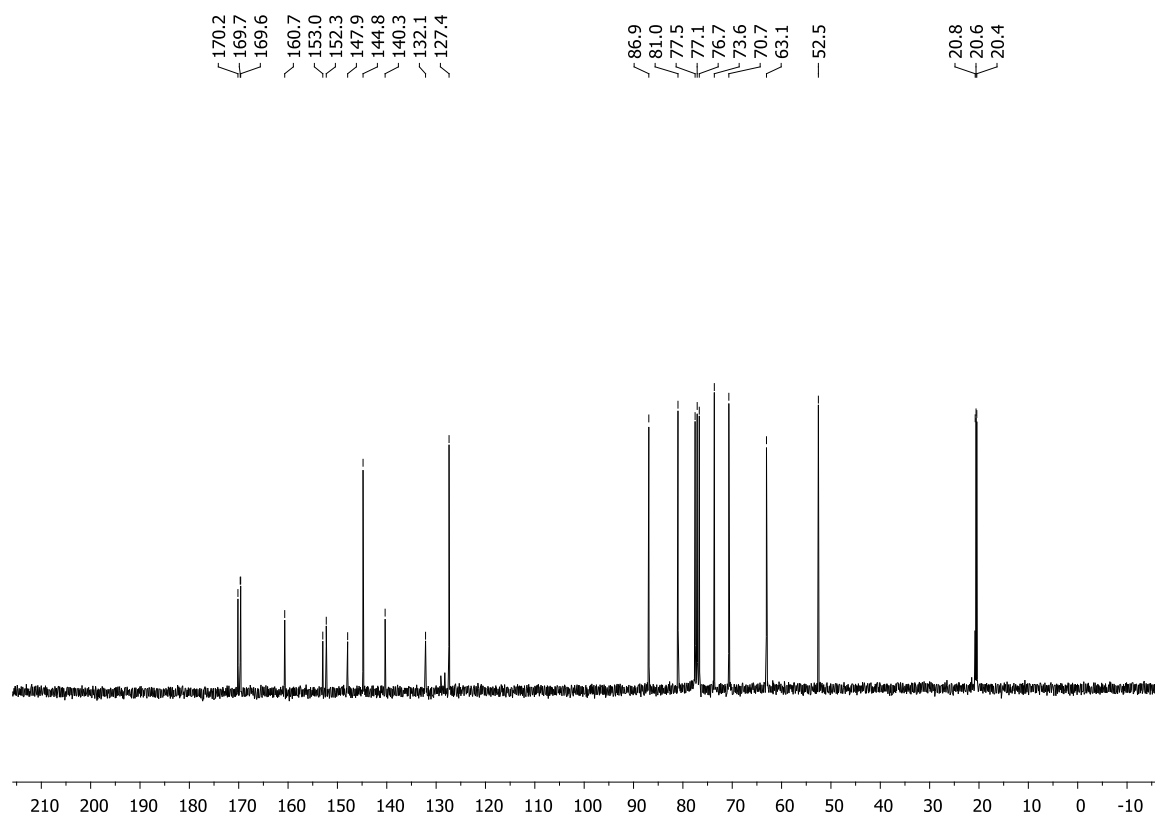
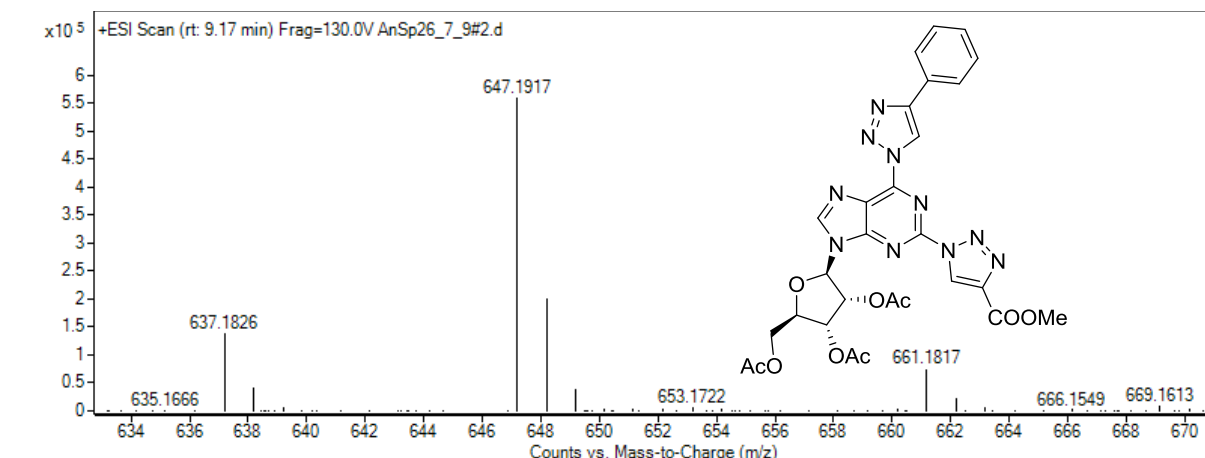


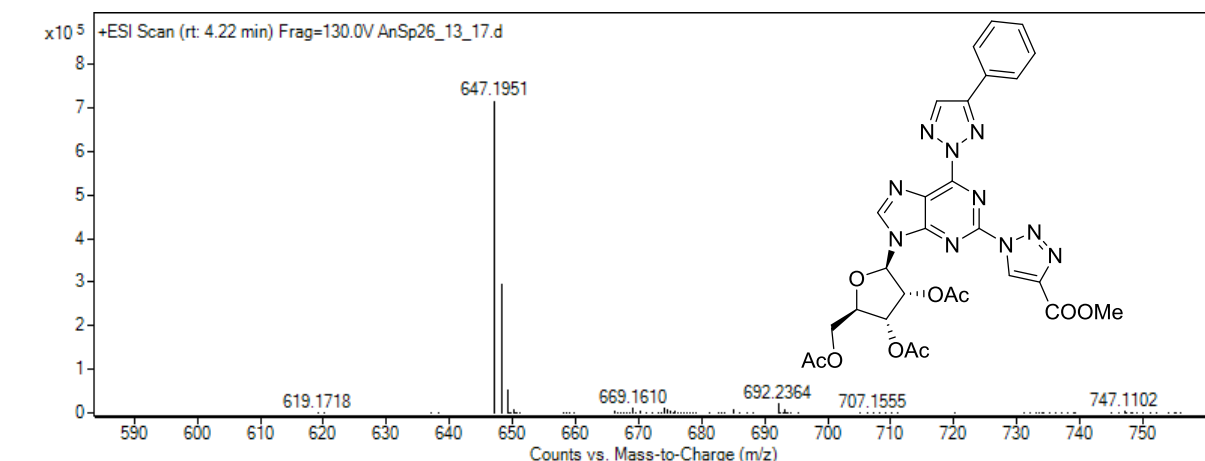
Figure S10: $^{13}\text{C-NMR}$ (75.5 MHz, CDCl_3) spectrum.

Copies of mass spectra

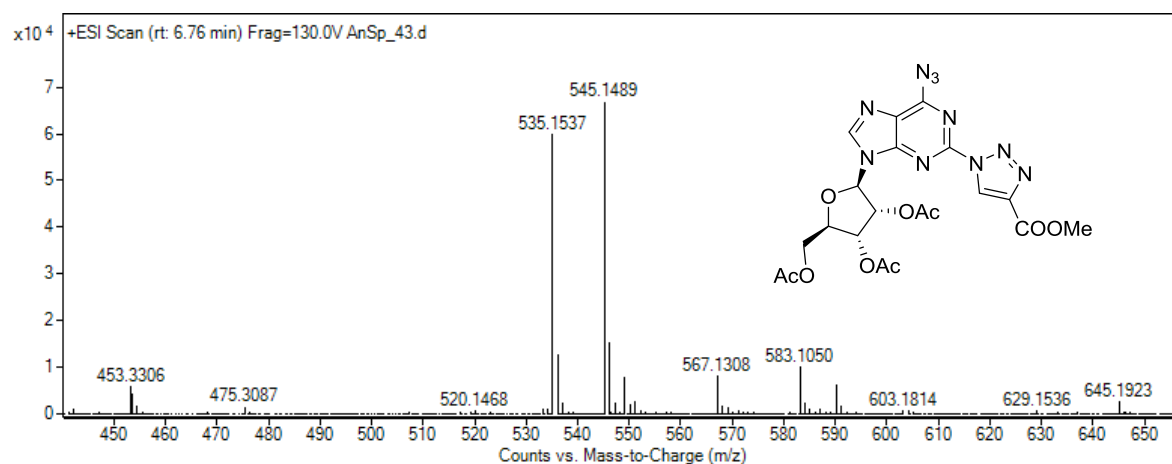
9-(2',3',5'-Tri-*O*-acetyl- β -D-ribofuranosyl)-2-(4-methoxycarbonyl-1*H*-1,2,3-triazol-1-yl)-6-(4-phenyl-1*H*-1,2,3-triazol-1-yl)-9*H*-purine (2a)



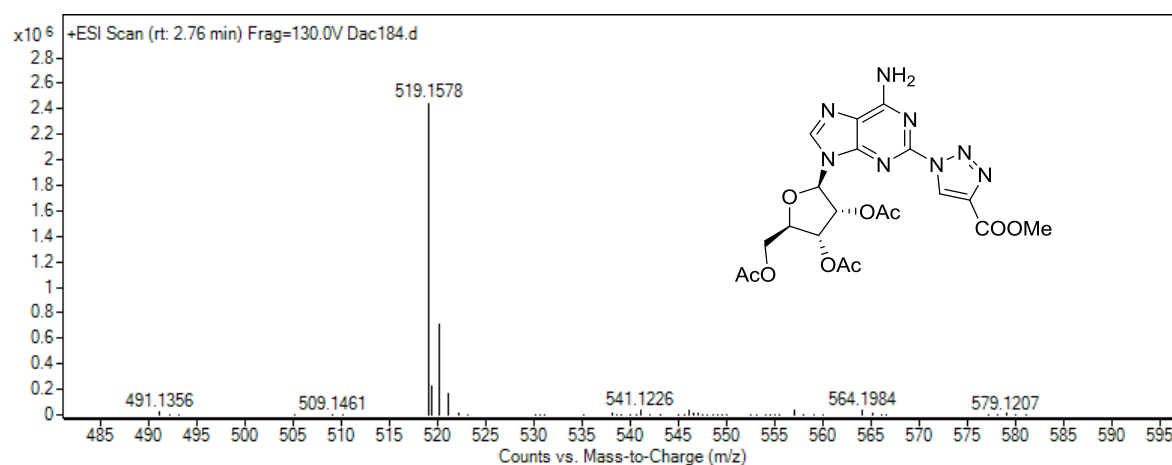
9-(2',3',5'-Tri-*O*-acetyl- β -D-ribofuranosyl)-2-(4-methoxycarbonyl-1*H*-1,2,3-triazol-1-yl)-6-(4-phenyl-2*H*-1,2,3-triazol-2-yl)-9*H*-purine (2b)



9-(2',3',5'-Tri-O-acetyl- β -D-ribofuranosyl)-6-azido-2-(4-methoxycarbonyl-1H-1,2,3-triazol-1-yl)-9H-purine (3)



9-(2',3',5'-Tri-O-acetyl- β -D-ribofuranosyl)-6-amino-2-(4-methoxycarbonyl-1H-1,2,3-triazol-1-yl)-9H-purine (4)



9-(2',3',5'-Tri-O-acetyl- β -D-ribofuranosyl)-6-chloro-2-(4-methoxycarbonyl-1H-1,2,3-triazol-1-yl)-9H-purine (7)

