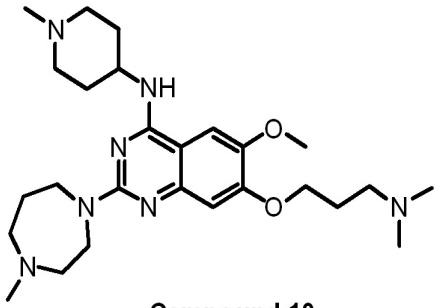
SUPPORTING INFORMATION

Protein Lysine Methyltransferase G9a Inhibitors: Design, Synthesis, and Structure Activity Relationships of 2,4-Diamino-7-aminoalkoxy-quinazolines.

Feng Liu, Xin Chen, Abdellah Allali-Hassani, Amy M. Quinn, Tim J. Wigle, Gregory A. Wasney, Aiping Dong, Guillermo Senisterra, Irene Chau, Alena Siarheyeva, Jacqueline L. Norris, Dmitri B. Kireev, Ajit Jadhav, J. Martin Herold, William P. Janzen, Cheryl H. Arrowsmith, Stephen V. Frye, Peter J. Brown, Anton Simeonov, Masoud Vedadi, and Jian Jin*

Table of Contents

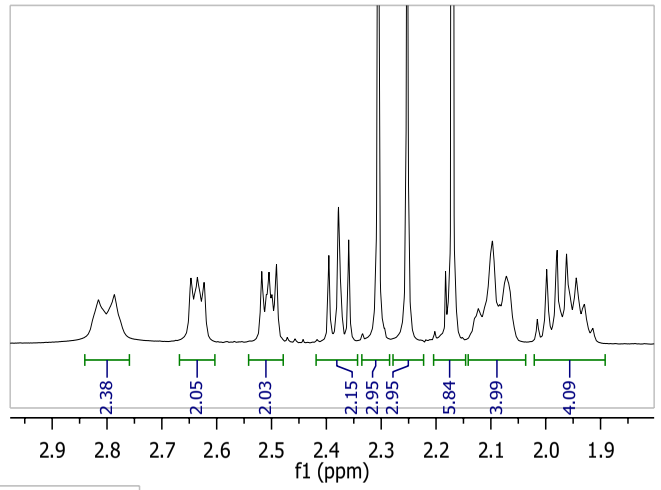
A. ^{1}H NMR spectrum of compound **10** S2
B. ^{13}C NMR spectrum of compound **10** S3
C. ^{1}H NMR spectrum of compound **29** S4
D. ^{13}C NMR spectrum of compound **29** S5

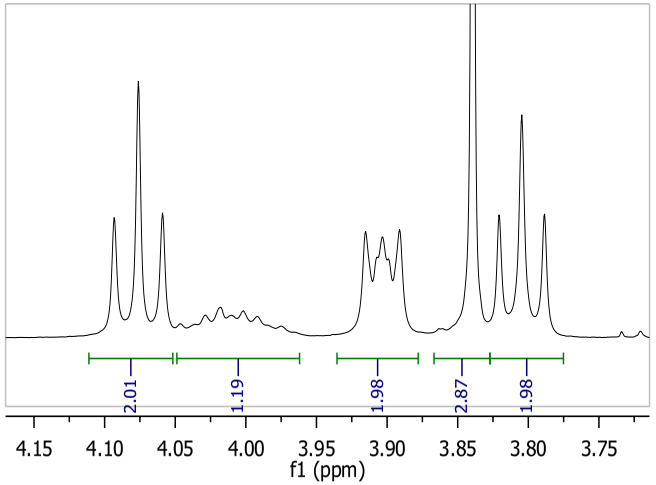


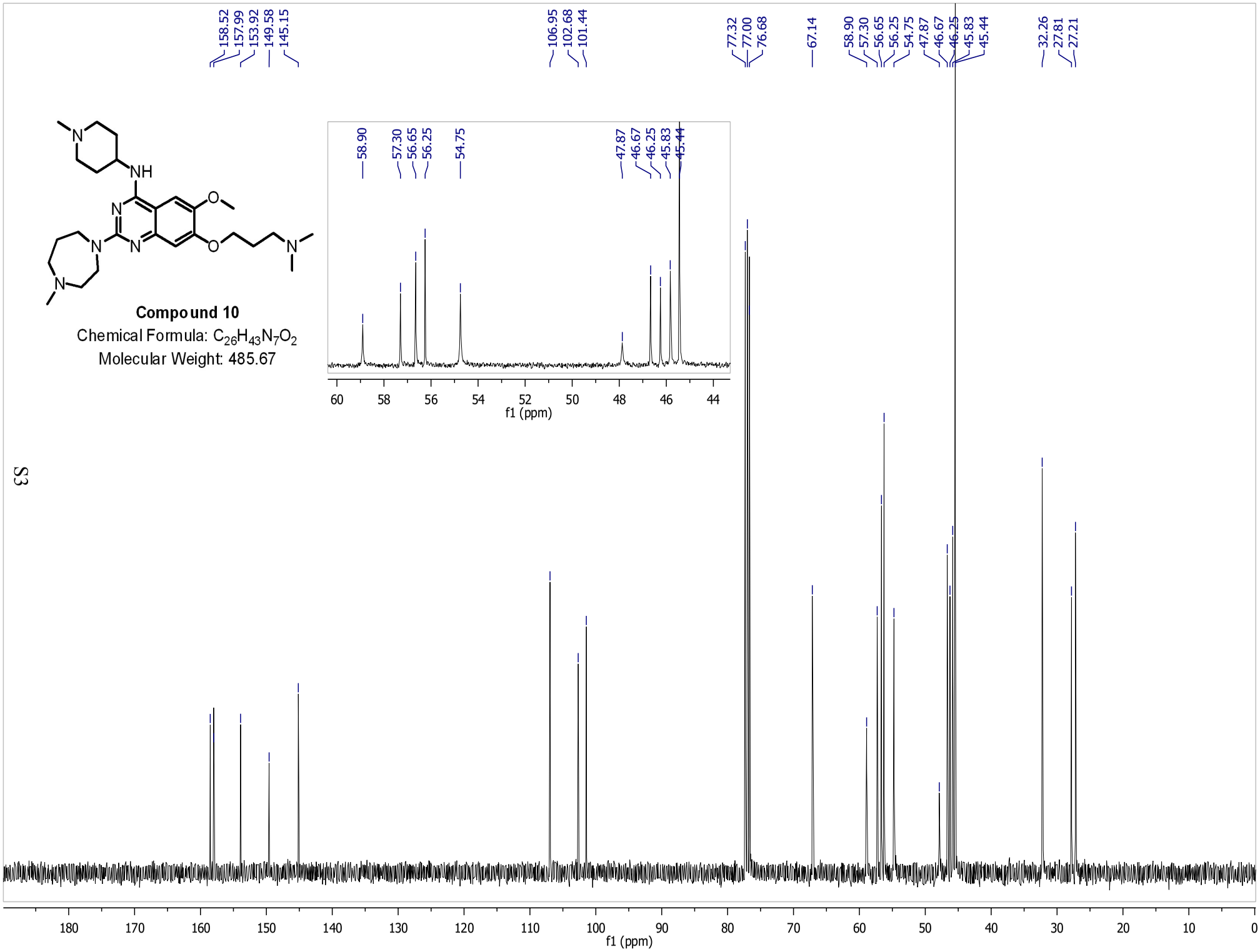
Compound 10

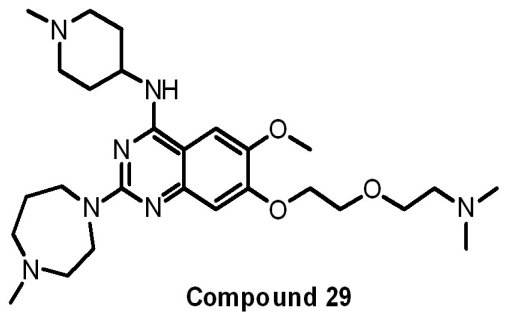
Chemical Formula: $C_{26}H_{43}N_7O_2$

Molecular Weight: 485.67





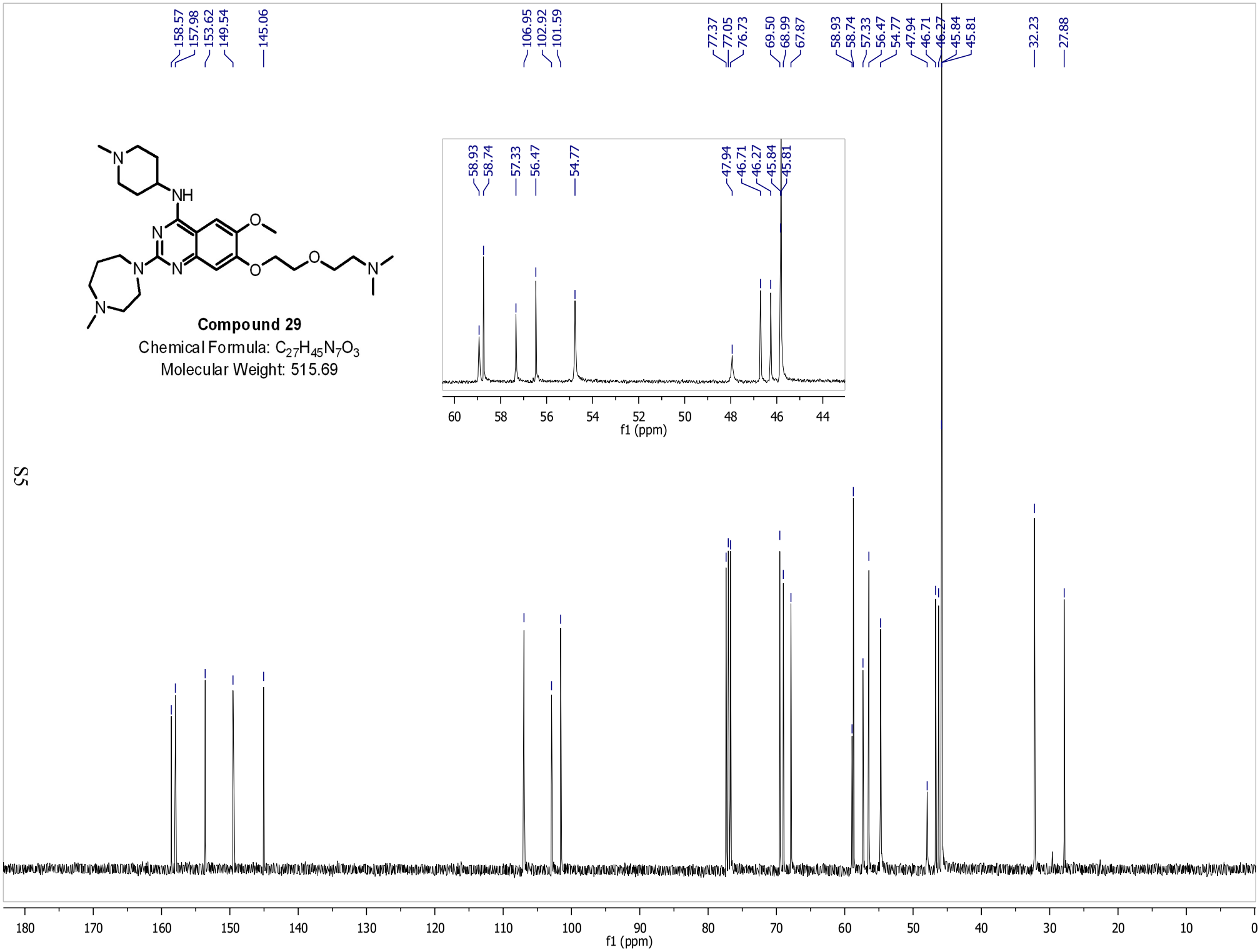

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157.99
153.92
149.58
145.15
106.95
102.68
101.44
77.32
77.00
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57.30
56.65
56.25
54.75
47.87
46.67
46.25
45.83
45.44
32.26
27.81
27.21
NH
N
O
Compound 10
Chemical Formula: C26H43N7O2
Molecular Weight: 485.67
f1 (ppm)
f1 (ppm)



Compound 29

Chemical Formula: $C_{27}H_{45}N_7O_3$

Molecular Weight: 515.69


158.57
157.98
153.62
149.54
145.06
106.95
102.92
101.59
77.37
77.05
76.73
69.50
68.99
67.87
58.93
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56.47
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47.94
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45.81
32.23
27.88
Compound 29
Chemical Formula: C27H45N7O3
Molecular Weight: 515.69
f1 (ppm)
f1 (ppm)