

Supporting Information

for

Aryl bis(Diazeniumdiolates): Potent Inducers of S-Glutathionylation of Cellular Proteins and Their in Vitro Anti-proliferative Activities

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Elemental Analysis Data

For **3b**:

<u>Element</u>	<u>Calcd for C₁₀H₁₂FN₅O₆</u>	<u>Found</u>
C	37.86	37.99
H	3.81	3.79
F	5.99	6.20
N	22.08	21.70

For **4a**:

<u>Element</u>	<u>Calcd for C₁₅H₂₁N₉O₁₀</u>	<u>Found</u>
C	36.96	37.18
H	4.34	4.41
N	25.86	25.64

For **4b**:

<u>Element</u>	<u>Calcd for C₁₆H₂₃N₉O₁₀</u>	<u>Found</u>
C	38.33	38.08

H	4.62	4.52
N	25.14	24.62

For **4c**:

<u>Element</u>	<u>Calcd for C₁₇H₂₅N₉O₁₀</u>	<u>Found</u>
C	39.61	39.43
H	4.89	4.88
N	24.46	24.01

For **4d**:

<u>Element</u>	<u>Calcd for C₁₇H₂₆N₁₀O₉</u>	<u>Found</u>
C	39.69	39.45
H	5.09	5.42
N	27.23	27.63

For **4e**:

<u>Element</u>	<u>Calcd for C₁₆H₁₉N₁₁O₈</u>	<u>Found</u>
C	38.95	38.92
H	3.88	4.03
N	31.23	30.97

For **4f**:

<u>Element</u>	<u>Calcd for C₁₃H₁₈N₈O₈</u>	<u>Found</u>
C	37.68	37.47
H	4.38	4.22
N	27.04	26.74

For **4g**:

<u>Element</u>	<u>Calcd for C₁₄H₂₀N₈O₈</u>	<u>Found</u>
C	39.25	39.45
H	4.71	4.91
N	26.16	26.02

For **4h**:

<u>Element</u>	<u>Calcd for C₁₂H₁₆N₈O₈</u>	<u>Found</u>
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C	36.00	35.87
H	4.03	4.07
N	27.99	27.63

For **4i**:

<u>Element</u>	<u>Calcd for C₁₃H₁₈N₈O₉</u>	<u>Found</u>
C	36.28	35.87
H	4.22	4.41
N	26.04	25.70

For **4j**:

<u>Element</u>	<u>Calcd for C₁₂H₁₈N₈O₈</u>	<u>Found</u>
C	35.82	36.10
H	4.51	4.64
N	27.85	27.75

For **5a**:

<u>Element</u>	<u>Calcd for C₁₇H₂₅N₉O₁₀</u>	<u>Found</u>
C	39.61	39.64
H	4.89	4.85
N	24.46	24.62

For **5b**:

<u>Element</u>	<u>Calcd for C₂₂H₃₃N₁₁O₁₁</u>	<u>Found</u>
C	42.10	42.27
H	5.30	5.63
N	24.55	24.62

For **5c**:

<u>Element</u>	<u>Calcd for C₁₉H₃₀N₁₀O₉</u>	<u>Found</u>
C	42.06	42.27
H	5.57	5.61
N	25.82	25.56

For **5d**:

<u>Element</u>	<u>Calcd for C₁₅H₂₂N₈O₉</u>	<u>Found</u>
C	39.30	39.62
H	4.84	4.81
N	24.45	24.62

For **6**:

<u>Element</u>	<u>Calcd for C₁₆H₂₂N₈O₁₀</u>	<u>Found</u>
C	39.51	39.27
H	4.56	4.35
N	23.04	22.67

For **7**:

<u>Element</u>	<u>Calcd for C₁₆H₁₈N₈O₁₂.0.2EtOAc</u>	<u>Found</u>
C	37.93	37.78
H	3.71	3.78
N	21.06	21.06