# **Supporting Information**

## Synthesis and Biological Activity of 2-Aminoimidazole Triazoles Accessed by Suzuki-Miyaura Cross-Coupling

<sup>1</sup> H and <sup>13</sup> C NMR of Compound 6 S2
<sup>1</sup> H and <sup>13</sup> C NMR of Compound 2
<sup>1</sup> H and <sup>13</sup> C NMR of Compound 8a
<sup>1</sup> H and <sup>13</sup> C NMR of Compound 8b
<sup>1</sup> H and <sup>13</sup> C NMR of Compound 8c
<sup>1</sup> H and <sup>13</sup> C NMR of Compound 8d
<sup>1</sup> H and <sup>13</sup> C NMR of Compound 8e
<sup>1</sup> H and <sup>13</sup> C NMR of Compound 8f
<sup>1</sup> H and <sup>13</sup> C NMR of Compound 8g
<sup>1</sup> H and <sup>13</sup> C NMR of Compound 8h
<sup>1</sup> H and <sup>13</sup> C NMR of Compound 8i
<sup>1</sup> H and <sup>13</sup> C NMR of Compound 8j
<sup>1</sup> H and <sup>13</sup> C NMR of Compound 8k
<sup>1</sup> H and <sup>13</sup> C NMR of Compound 81
<sup>1</sup> H and <sup>13</sup> C NMR of Compound 8m
<sup>1</sup> H and <sup>13</sup> C NMR of Compound 8n
Biofilm Inhibibition Dose-response Curves
vs MRSA for Compounds 8g, 8i and 8j
Biofilm Dispersion Dose-response Curves
vs A. baumannii for Compounds 8g, 8h, 8i and 8j
Growth Curve Plots for Compounds 8g, 8i and 8j

## <sup>1</sup>H and <sup>13</sup>C NMR of Compound 6











## <sup>1</sup>H and <sup>13</sup>C NMR of Compound 8b



## <sup>1</sup>H and <sup>13</sup>C NMR of Compound 8c











## <sup>1</sup>H and <sup>13</sup>C NMR of Compound 8f







## <sup>1</sup>H and <sup>13</sup>C NMR of Compound 8h



140 120 100 80 60 40 20 0 PPM

## <sup>1</sup>H and <sup>13</sup>C NMR of Compound 8i



## <sup>1</sup>H and <sup>13</sup>C NMR of Compound 8j



## <sup>1</sup>H and <sup>13</sup>C NMR of Compound 8k



## <sup>1</sup>H and <sup>13</sup>C NMR of Compound 8l







#### <sup>1</sup>H and <sup>13</sup>C NMR of Compound 8n



#### **Biofilm Inhibition Dose-response Curves**



IC<sub>50</sub>= 9.858±2.847 μM



**Biofilm Inhibition of 8j vs MRSA Biofilm Inhibition of 8j vs MRSA** %-ro...o.rc P 56.353ln(x) - 39.268 R<sup>2</sup> = 0.9542 = 42.659ln(x) - 10.409 R<sup>2</sup> = 0.8128 þ IC<sub>50</sub> =4.12 μM IC<sub>50</sub> = 4.87 μM Concentration (uM) Concentration (uM)

 $IC_{50}$  =4.50±0.53 µM

#### **Biofilm Dispersion Dose-response Curves**



 $EC_{50}$ = 59.614±7.282 µM



 $EC_{50} = 53.900 \pm 3.389 \ \mu M$ 



 $EC_{50} = 44.7018 \pm 2.248 \ \mu M$ 



Growth curve plots for Compounds 8g, 8i and 8j vs MRSA at respective IC<sub>50</sub> concentrations

