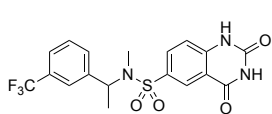
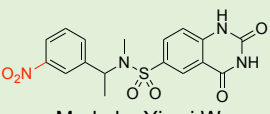
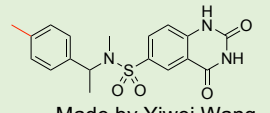
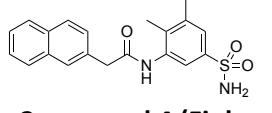
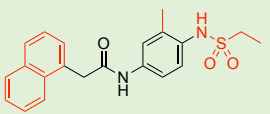
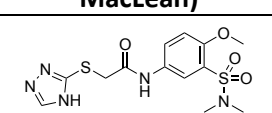
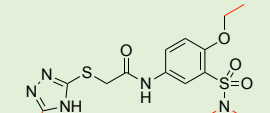
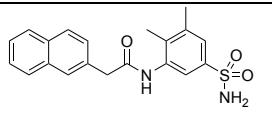
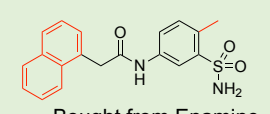
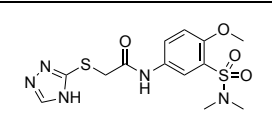
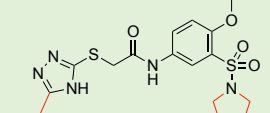
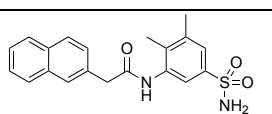
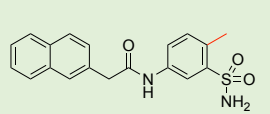
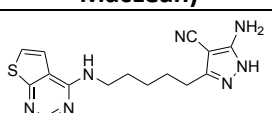
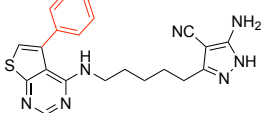
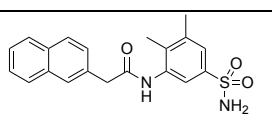
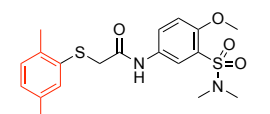
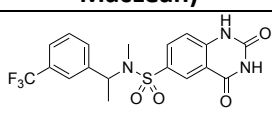
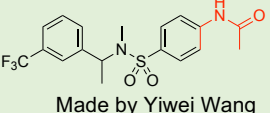
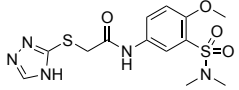
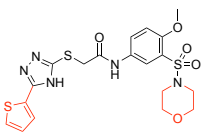
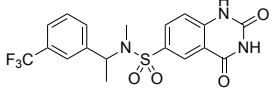
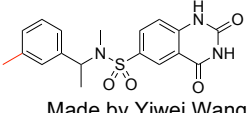
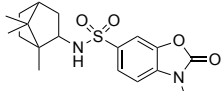
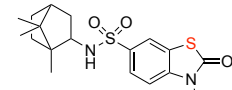
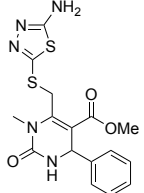
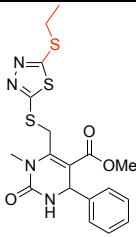
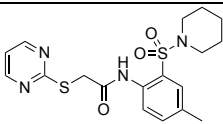
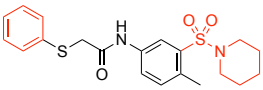
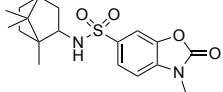
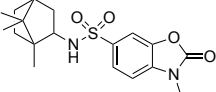
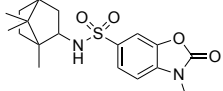
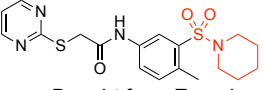
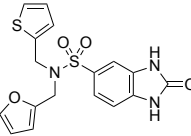
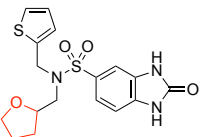
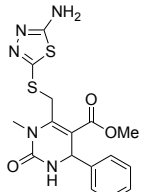
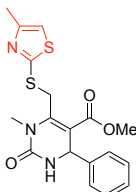
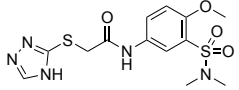
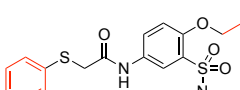
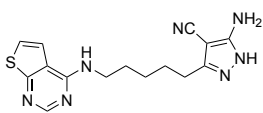
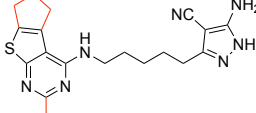
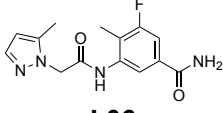
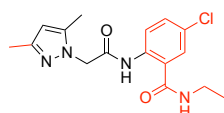
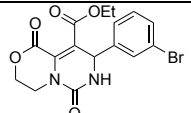
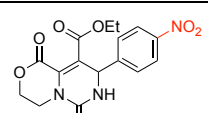
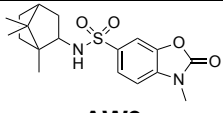
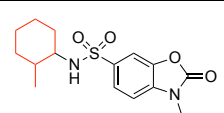
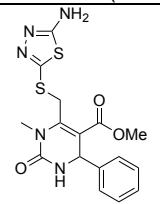
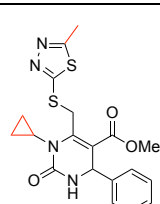
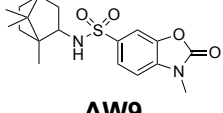
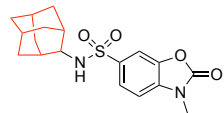
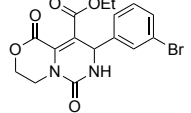
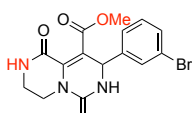
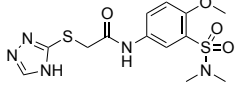
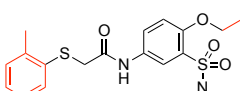
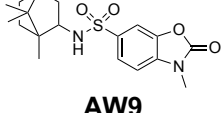
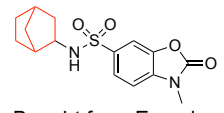


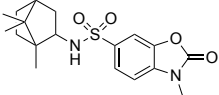
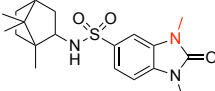
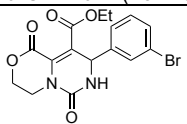
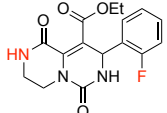
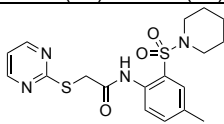
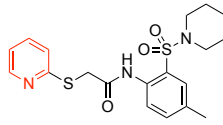
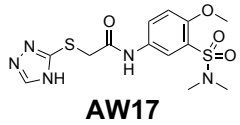
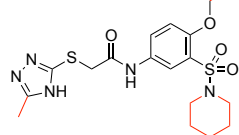
**P. aeruginosa MurE Inhibition Data**

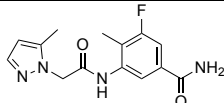
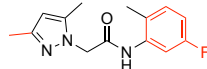
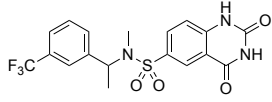
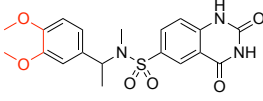
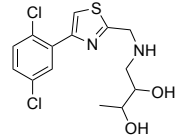
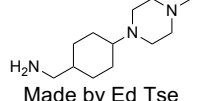
	Original Hit	Derivative's Structure	Compound	Average% Inhibition
<p><b>All compounds exert &gt;50% inhibition of MurE.</b></p> <p><b>Compounds in green exert &gt;50% Activity against MurD.</b></p>	 <b>AW53</b> MurC (Pa) + MurD (Ec) + MurE (Ec)	 Made by Yiwei Wang	<b>OSA_001172</b>	<b>78.0 ± 8.4</b>
		 Made by Yiwei Wang	<b>OSA_001164</b>	<b>76.0 ± 9.0</b>
	 <b>Compound 4 (Finlay MacLean)</b>	 Bought from Enamine	<b>OSA_001155</b>	<b>69.3 ± 4.0</b>
	 <b>AW17</b> MurC (Pa) + MurD (Ec) + MurE (Pa + Ec)	 Bought from Enamine	<b>OSA_001145</b>	<b>67.3 ± 0.8</b>
	 <b>Compound 4 (Finlay MacLean)</b>	 Bought from Enamine	<b>OSA_001156</b>	<b>56.1 ± 5.8</b>
	 <b>AW17</b> MurC (Pa) + MurD (Ec) + MurE (Pa + Ec)	 Bought from Enamine	<b>OSA_001147</b>	<b>55.9 ± 6.3</b>
	 <b>Compound 4 (Finlay MacLean)</b>	 Bought from Enamine	<b>OSA_001153</b>	<b>55.0 ± 5.6</b>
	 <b>M02</b> MurC + MurE	 Bought from Enamine	<b>OSA_001133</b>	<b>55.0 ± 1.7</b>
	 <b>Compound 4 (Finlay MacLean)</b>	 Bought from Enamine	<b>OSA_001149</b>	<b>53.8 ± 1.8</b>
	 <b>AW53</b>	 Made by Yiwei Wang	<b>OSA_001169</b>	<b>52.8 ± 0.3</b>

 <p><b>AW17</b> MurC (Pa) + MurD (Ec) + MurE (Pa + Ec)</p>	 <p>Bought from Enamine</p>	OSA_001148	51.5 ± 3.4
---	--	------------	------------

 <p><b>AW53</b> MurC (Pa) + MurD (Ec) + MurE (Ec)</p>	 <p>Made by Yiwei Wang</p>	OSA_001168	47.8 ± 8.8
 <p><b>AW9</b> MurC + MurE (Pa+Ec)</p>	 <p>Made by Eve Carter</p>	OSA_001160	47.2 ± 9.7
 <p><b>AW8</b> MurC (Pa) + MurE (Ec)</p>	 <p>Bought from Enamine</p>	OSA_001134	46.7 ± 1.2
 <p><b>AW5</b> MurC + MurE (Pa + Ec)</p>	 <p>Bought from Enamine</p>	OSA_001144	44.8 ± 4.1
 <p><b>AW9</b> MurC + MurE (Pa+Ec)</p>	 <p><b>AW9</b> Made by Eve Carter</p>	OSA_001167	43.8 ± 3.1
 <p><b>AW9</b> MurC + MurE (Pa+Ec)</p>	 <p>Bought from Enamine</p>	OSA_001141	43.2 ± 4.2
 <p><b>AW49</b> MurC (Pa) + MurD (Ec) + MurE (Pa + Ec)</p>	 <p>Bought from Enamine</p>	OSA_001152	40.3 ± 1.4
 <p><b>AW8</b> MurC (Pa) + MurE (Ec)</p>	 <p>Bought from Enamine</p>	OSA_001135	39.5 ± 5.8

 <p><b>AW17</b> MurC (Pa) + MurD (Ec) + MurE (Pa + Ec)</p>	 <p>Bought from Enamine</p>	OSA_001150	38.1 ± 3.4
 <p><b>M02</b> MurC + MurE</p>	 <p>Bought from Enamine</p>	OSA_001132	31.8 ± 4.1
 <p><b>L06</b> MurD + MurE + MurC</p>	 <p>Bought from Enamine</p>	OSA_001131	30.8 ± 5.0
 <p><b>AW77</b> MurC (Pa) + MurE (Ec)</p>	 <p>Bought from Enamine</p>	OSA_001137	28.2 ± 6.7
 <p><b>AW9</b> MurC + MurE (Pa+Ec)</p>	 <p>Made by Eve Carter</p>	OSA_001158	27.3 ± 11.0
 <p><b>AW8</b> MurC (Pa) + MurE (Ec)</p>	 <p>Bought from Enamine</p>	OSA_001136	27.0 ± 3.7
 <p><b>AW9</b> MurC + MurE (Pa+Ec)</p>	 <p>Made by Eve Carter</p>	OSA_001159	26.1 ± 7.8
 <p><b>AW77</b> MurC (Pa) + MurE (Ec)</p>	 <p>Bought from Enamine</p>	OSA_001138	24.0 ± 5.6
 <p><b>AW17</b> MurC (Pa) + MurD (Ec) + MurE (Pa + Ec)</p>	 <p>Bought from Enamine</p>	OSA_001151	22.2 ± 3.4
 <p><b>AW9</b> MurC + MurE (Pa+Ec)</p>	 <p>Bought from Enamine</p>	OSA_001157	20.4 ± 2.2

 <b>AW9</b> MurC + MurE (Pa+Ec)	 Made by Eve Carter	OSA_001161	15.2 ± 14.6
 <b>AW77</b> MurC (Pa) + MurE (Ec)	 Bought from Enamine	OSA_001139	14.2 ± 3.0
 <b>AW5</b> MurC + MurE (Pa + Ec)	 Bought from Enamine	OSA_001142	12.6 ± 12.3
 <b>AW17</b> MurC (Pa) + MurD (Ec) + MurE (Pa + Ec)	 Bought from Enamine	OSA_001146	7.9 ± 5.2

 <b>L06</b> MurD + MurE + MurC	 Bought from Enamine	OSA_001130	-8.1 ± 9.5
 <b>AW53</b> MurC (Pa) + MurD (Ec) + MurE (Ec)	 Bought from Enamine	OSA_001166	-11.8 ± 4.8
<b>Competition  Compounds</b>	 Made by Ed Tse	OSA_001113	-23.5 ± 17.0
	 Made by Ed Tse	OSA_001114	-25.0 ± 18.5