

# Supplemental information

## Design, synthesis, and biological evaluation of the quorum-sensing inhibitors of *Pseudomonas aeruginosa* PAO1

1 National Engineering Research Center for the Emergency Drug, State Key Laboratory of Toxicology and Medical Countermeasures, Beijing Institute of Pharmacology and Toxicology, Beijing 100850, China; yanxinlin11@163.com (X.Y.) houshi28@126.com (S.H.); jjaiachang@126.com (J.C.);

2 School of Pharmaceutical Sciences, Jilin University, Changchun 130021, China; xingcheng21@mails.jlu.edu.cn (C.X.)

3 School of Life Sciences, Jilin University, Changchun, 130012, China; yuanyuanz21@mails.jlu.edu.cn (Y.Z)

\* Correspondence: xiaojunhai@139.com (J.X); Tel.:01066931634

Table S1 Inhibition rate of biofilm by different compounds at different concentrations

Inhibition ratio								
concentratio n	15	25	26	29	31	37	39	C <sub>10</sub> - HSL
325	0.3207	0.3217	0.3869	0.0907	0.409 8	0.181 6	0.212 4	- 0.187 7
162.5	0.3385	0.3987	0.4457	0.4091	0.421 3	0.286 9	0.248 7	0.063
81.25	0.3680	0.3335	0.4249	0.3466	0.395 4	0.364 4	0.284 1	0.002 5
40.625	0.2704	0.3219	0.3345	0.3273	0.404 4	0.351 5	0.234 2	0.022 5
20.3125	0.0672 5	0.1880 3	0.0216 6	0.0951 3	0.211	0.152 7	0.128 7	- 0.043 5