

Table S1. Primary High Throughput Screening Results For Compounds With Known Antibacterial Activity

compound names	ug/ml	μM	fold reduction	z lux	z cytotox	z anti-tox	hit strength
4-aminosalicylic acid	4	26	1	-1.2	-0.8	0.8	
acedapsone	4	12	1	-0.1	-1.3	0.1	
actinomycin D	10	22	309	15.3	-6.9	18.2	very strong
actinonin	8	20	1	-1.6	-1.2	0.0	
alamethicin	10	5	1	0.1	8.1	-0.7	toxic
amikacin hydrate	4	6	6	7.8	-2.4	2.1	weak
amikacin sulfate	16	20	1	-2.8	-1.7	0.4	
amikacin sulfate	4	5	1	0.1	-2.4	1.8	
amoxicillin crystalline	7	20	1	0.0	-0.1	-0.2	
amoxicillin	7	20	1	0.4	-1.5	0.8	
amoxicillin	4	11	1	0.4	-0.3	0.0	
amoxicillin	4	11	1	0.8	-1.7	3.2	
ampicillin sodium	7	20	1	0.0	-0.8	0.4	
ampicillin sodium	7	20	1	-0.6	-0.9	0.8	
ampicillin sodium	4	11	1	0.0	-2.4	2.1	
ampicillin trihydrate	4	11	1	-1.4	-0.6	0.4	
ampicillin trihydrate	4	10	1	-1.2	-0.5	0.0	
anisomycin	5	20	2	5.0	24.9	-24.9	toxic
anisomycin	4	15	2	5.3	29.7	-29.7	toxic
anisomycin	10	38	4	11.7	32.5	-4.0	toxic
anisomycin	5	20	5	5.9	20.0	-20.0	toxic
apramycin	11	20	1	-2.5	0.5	-0.5	
apramycin	4	7	1	-1.6	-0.8	0.0	
apramycin	4	7	1	-0.3	-1.3	1.0	
apramycin	4	7	2	3.4	-1.4	0.2	detectable
azithromycin dihydrate	16	20	complete	22.7	-4.2	12.0	very strong
azithromycin	4	5	3367	7.0	-2.2	18.5	very strong
azithromycin	15	20	3723	9.6	-3.9	3.8	very strong
azithromycin	15	20	complete	11.9	-4.1	11.9	very strong
azithromycin	4	5	complete	12.9	-2.4	10.2	very strong
azlocillin sodium salt	4	8	1	-0.3	0.3	-0.3	
azlocillin sodium	10	20	1	-5.5	0.1	-0.1	
azlocillin sodium	4	8	1	-1.0	-3.0	1.0	
aztreonam	4	9	1	-1.5	-0.8	0.9	
aztreonam	4	9	1	-2.6	-0.8	0.0	
aztreonam	4	9	1	1.5	0.0	0.2	
bacampicillin hydrochloride	4	8	1	0.7	-4.0	2.3	
bacampicillin hydrochloride	4	8	1	1.4	0.5	-0.5	
bacitracin	28	20	1	-2.4	-1.8	0.7	
bacitracin	4	3	1	-0.3	-3.0	2.3	
bacitracin	4	3	1	0.9	-0.5	0.0	
bekanamycin sulfate	12	20	1	-1.3	-0.3	0.0	
bekanamycin sulfate	4	7	1	0.9	-0.6	0.0	
benzathine benzylpenicillin	4	4	1	0.7	2.0	-2.0	
benzyl penicillin potassium	7	20	1	-5.2	-0.9	0.2	
benzylpenicillin sodium	4	11	1	0.8	1.0	-1.0	
bleomycin	4	2	2	4.0	-3.8	5.6	detectable
bleomycin sulfate	4	3	3	8.1	-3.4	8.8	detectable
capreomycin sulfate	15	20	1	-4.3	1.0	-1.0	
capreomycin sulfate	4	5	1	-0.7	-1.6	2.0	
carbadox	5	20	2	4.6	-1.2	0.9	detectable
carbadox	4	15	5	7.2	-2.1	6.3	weak
carbadox	4	15	121	7.0	-1.1	17.0	strong

carbenicillin disodium	8	20	1	-0.3	-1.2	0.2	
carbenicillin disodium	4	9	1	0.1	-1.3	1.7	
cefaclor	7	20	1	-0.3	-1.9	0.9	
cefaclor	4	10	1	1.0	-0.6	1.0	
cefaclor	4	11	1	1.7	-0.2	0.0	
cefadroxil	4	11	1	-1.4	0.5	-0.5	
cefadroxil	7	20	1	-0.7	-0.4	0.0	
cefadroxil	4	11	1	-0.8	-3.3	2.1	
cefalonium	4	9	1	-0.6	0.3	-0.3	
cefamandole nafate	10	20	1	-0.7	-1.6	0.4	
cefamandole nafate	4	8	1	0.3	-1.7	1.1	
cefamandole sodium salt	4	8	1	0.7	0.4	-0.4	
cefamandole sodium	4	8	1	-1.6	-0.5	0.2	
cefatrizine propylene glycol	11	20	1	-1.1	-0.1	0.6	
cefazolin sodium salt	4	8	1	0.7	0.0	0.0	
cefazolin sodium	10	20	1	2.1	-2.6	0.2	
cefazolin sodium	10	20	1	-2.1	-0.7	0.0	
cefazolin sodium	4	8	1	-0.2	-3.9	0.7	
cefdinir	4	10	1	-0.9	-5.2	2.2	
cefdinir	8	20	1	-0.3	0.1	-0.1	
cefditorin pivoxil	12	20	1	-3.0	-1.1	0.0	
cefditorin pivoxil	4	6	1	0.1	-3.8	1.6	
cefepime hydrochloride	4	7	2	2.8	-0.4	0.4	
cefepime	4	8	1	1.9	-2.7	3.1	
cefixime trihydrate	9	20	1	0.4	-1.2	1.9	
cefixime	4	9	1	-1.0	-1.2	0.0	
cefmenoxime hydrochloride	11	20	1	0.3	-0.8	0.0	
cefmetazole sodium salt	4	8	1	1.6	0.4	-0.4	
cefmetazole sodium;	10	20	1	0.5	-2.5	1.5	
cefmetazole sodium	10	20	1	-1.3	-2.0	0.7	
cefmetazole sodium	4	8	1	2.2	-1.5	1.7	
cefonicid sodium	4	7	1	-0.2	-1.2	0.6	
cefoperazone acid	4	6	1	-1.1	-0.8	0.6	
cefoperazone dihydrate	4	6	1	0.3	1.1	-1.1	
cefoperazone sodium	4	6	1	1.2	-2.6	2.7	
cefoperazone sodium	13	20	2	4.0	-3.1	1.6	detectable
ceforanide	4	8	1	1.6	-1.1	0.0	
cefotaxime acid	4	9	1	0.8	-1.0	2.1	
cefotaxime sodium salt	10	20	1	0.1	-0.6	0.0	
cefotaxime sodium salt	4	8	1	0.8	-1.2	1.0	
cefotaxime sodium	10	20	1	3.3	-2.4	3.0	detectable
cefotaxime sodium	10	20	1	0.6	0.6	-0.6	
cefotaxime sodium	4	8	1	0.0	-1.5	3.7	
cefotetan	4	7	1	1.9	-1.4	0.0	
cefotiam hydrochloride	4	7	1	2.2	-0.1	0.0	
cefoxitin sodium salt	4	9	2	3.2	-0.9	0.5	detectable
cefoxitin sodium	9	20	1	-0.9	-1.3	0.8	
cefoxitin sodium	4	9	1	1.7	-2.9	3.6	
cefpiramide	12	20	1	-8.9	-0.8	0.0	
cefpodoxime proxetil	11	20	1	-1.7	-1.4	1.6	
cefpodoxime proxetil	4	7	1	0.5	-2.3	1.0	
cefprozil	8	20	1	-3.0	-1.2	0.0	
cefprozil	4	10	1	-0.2	-2.2	0.7	
cefsulodin sodium salt hydrate	11	20	1	0.0	-2.4	1.1	
cefsulodin sodium salt	4	7	1	0.4	0.1	-0.1	
cefsulodin sodium	4	7	1	-1.2	-3.2	0.4	
ceftazidime pentahydrate	4	6	2	4.8	-1.1	0.0	detectable
ceftazidime	4	7	1	1.6	-1.8	2.7	
ceftazidime	4	7	1	1.4	-0.9	3.3	

ceftibuten	8	20	1	-1.7	-0.4	0.0	
ceftibuten	4	10	1	-0.5	-1.2	0.2	
ceftiofur hydrochloride	11	20	1	1.2	-0.4	0.0	
ceftriaxone sodium trihydrate	13	20	1	0.7	-0.8	0.7	
ceftriaxone sodium trihydrate	13	20	1	1.1	-1.2	1.1	
ceftriaxone sodium trihydrate	4	6	1	3.0	-2.1	3.7	detectable
ceftriaxone sodium	12	20	1	3.3	-2.6	3.3	detectable
cefuroxime axetil	4	8	1	-0.4	-0.7	-0.1	
cefuroxime sodium salt	4	9	1	-0.4	0.5	-0.5	
cefuroxime sodium	9	20	1	-3.6	-1.5	0.8	
cefuroxime sodium	4	9	1	-1.1	-2.3	0.0	
cefuroxime	8	20	1	-0.4	-0.8	0.2	
cephalexin hydrate	7	20	1	1.0	-1.9	0.3	
cephalexin monohydrate	4	11	1	0.3	-0.7	0.0	
cephalexin	7	20	1	-5.7	-2.7	0.0	
cephalexin	4	12	1	-2.5	-2.1	-0.4	
cephaloridine	8	20	1	-0.9	-2.1	1.1	
cephalosporanic acid, 7-amino	4	15	1	-1.1	2.0	-2.0	
cephalosporin c sodium	9	20	1	-3.5	0.9	-0.9	
cephalosporin c zinc salt	10	20	1	-0.1	-2.3	0.3	
cephalothin sodium salt	4	10	1	0.4	0.2	-0.2	
cephalothin sodium	8	20	1	-2.8	1.1	-1.1	
cephalothin sodium	4	10	1	-1.4	-1.5	0.9	
cephalothin sodium	8	20	1	-0.2	-3.2	0.8	
cephapirin sodium	9	20	1	-3.5	2.5	-2.5	
cephapirin sodium	4	9	1	-1.1	-0.1	0.0	
cepharantine	12	20	1	-2.4	4.0	-4.0	toxic
cephradine	7	20	1	-0.8	-3.6	0.1	
cephradine	7	20	1	-2.3	2.4	-2.4	
cephradine	4	11	1	-1.0	0.3	-0.4	
chloramphenicol hemisuccinate	4	9	3	5.6	-3.5	11.6	detectable
chloramphenicol hemisuccinate	8	20	159	12.6	-0.9	0.1	strong
chloramphenicol palmitate	4	7	75	8.3	-3.6	15.0	strong
chloramphenicol	4	12	167	12.7	-4.6	3.5	strong
chloramphenicol	6	20	496	11.8	-3.4	11.0	very strong
chloramphenicol	4	12	509	8.4	-5.7	14.1	very strong
chloramphenicol	6	20	1307	12.7	-2.0	0.9	very strong
chloramphenicol	4	12	complete	7.1	-1.5	17.6	very strong
chlorhexidine	4	8	1	-7.4	7.7	-7.7	toxic
chlorhexidine	12	20	1	-2.3	0.3	-0.3	
chlorhexidine	4	7	1	-0.5	-2.3	0.8	
chloroxine	4	20	1	0.4	-0.3	0.5	
chloroxine	4	20	1	1.2	0.1	-0.1	
chloroxine	4	19	3	14.0	-0.7	8.1	detectable
chloroxylenol	3	20	1	-0.5	-1.0	0.0	
chloroxylenol	4	26	1	0.5	-1.1	1.0	
chlortetracycline hydrochloride	10	20	1	-5.5	2.6	-2.6	
chlortetracycline hydrochloride	4	8	1	0.7	-1.9	1.2	
chlortetracycline hydrochloride	4	8	1	1.9	-5.5	13.2	
cinoxacin	5	20	1	1.5	-2.5	0.2	
cinoxacin	5	20	1	-1.8	1.4	-1.4	
cinoxacin	4	15	1	1.2	-3.6	0.0	
cinoxacin	4	15	1	0.7	0.1	-0.1	
ciprofloxacin hydrochloride	4	10	343	12.8	-5.1	2.7	very strong
ciprofloxacin	4	12	255	8.9	-2.9	8.1	strong
ciprofloxacin	7	20	1468	9.5	-3.0	1.9	very strong
ciprofloxacin	4	12	complete	7.0	-1.6	18.3	very strong
clarithromycin	15	20	746	9.5	-2.9	2.6	very strong
clarithromycin	15	20	complete	12.3	-4.1	15.1	very strong

clarithromycin	4	5	complete	7.1	-1.6	18.0	very strong
clarithromycin	4	5	complete	12.9	-1.9	10.4	very strong
clavulanate lithium	4	19	1	0.0	-3.1	2.0	
clinafloxacin hcl	4	11	complete	7.1	-1.4	18.3	very strong
clinafloxacin hydrochloride	8	20	1	0.9	-4.2	2.9	
clindamycin hcl	4	9	6	10.0	-2.4	7.1	weak
clindamycin hydrochloride	4	9	1	0.8	-2.3	4.9	
clindamycin hydrochloride	4	9	4	9.7	-2.3	1.9	weak
clindamycin palmitate hydrochloride	4	6	1	0.0	-0.1	0.5	
clindamycin palmitate	4	9	1	-7.6	-2.2	0.5	
clindamycin po4	4	6	1	-3.0	-1.3	0.0	
clofazimine	4	8	1	-0.6	-10.4	0.8	
clofazimine	9	20	1	1.2	-0.4	0.1	
clofazimine	4	8	2	2.9	-7.5	6.2	
cloxacillin sodium salt	4	9	1	-0.9	0.6	-0.6	
cloxacillin sodium	9	20	1	-4.6	-2.3	0.0	
cloxacillin sodium	4	9	1	-0.6	-1.7	2.4	
cloxyquin	4	20	1	-3.7	-2.2	1.8	
cloxyquin	4	22	1	-0.3	-3.2	3.8	
colistimethate sodium	35	20	1	-8.8	3.8	-3.8	toxic
colistimethate sodium	4	2	1	0.3	3.1	-3.0	toxic
colistin sulfate	4	3	1	-2.8	3.4	-3.4	toxic
colistin sulfate	4	3	1	-0.7	4.6	-2.2	toxic
n'-desmethylazithromycin hydrate	15	20	1	-9.4	-3.7	1.9	
cycloserine	2	20	1	-4.3	-0.6	0.0	
cycloserine	4	39	1	-1.0	-3.1	2.9	
d-cycloserine	2	20	1	-1.0	-0.6	0.6	
d-cycloserine	2	20	1	0.3	-2.2	0.1	
d-cycloserine	4	39	1	-2.5	-0.3	0.3	
d-cycloserine	2	20	1	-0.5	-1.3	1.5	
dactinomycin	4	3	7	7.1	7.0	5.8	toxic
dactinomycin	25	20	277	12.2	3.0	6.4	toxic
dactinomycin	25	20	545	7.9	0.3	-0.3	very strong
dapsone	5	20	1	-4.5	0.0	0.0	
dapsone	4	16	1	-2.0	-0.4	0.0	
dapsone	4	16	1	-0.4	-2.1	3.1	
daptomycin	32	20	1	0.2	-0.7	0.0	
daunorubicin hcl	4	8	2	4.0	-7.9	14.4	detectable
daunorubicin hydrochloride	4	7	1	-0.3	-16.8	16.8	
daunorubicin hydrochloride	11	20	3	7.0	-5.2	11.3	detectable
daunorubicin hydrochloride	11	20	5	5.9	-7.2	6.8	weak
daunorubicin	4	8	1	-2.6	-16.5	19.6	
decyoinine	10	36	7	9.7	-0.3	10.6	weak
demeclocycline hydrochloride	10	20	151	9.7	-2.8	2.4	strong
demeclocycline hydrochloride	10	20	1	-1.8	-2.2	1.1	
demeclocycline hydrochloride	4	8	41	6.3	-1.1	0.6	mod
demeclocycline hydrochloride	4	8	51	8.2	-3.1	17.2	mod
demeclocycline	9	20	349	11.8	-2.4	10.4	very strong
dibekacin	11	20	1	-0.7	-0.1	0.0	
dicloxacillin sodium salt	4	8	1	-0.2	-0.7	0.0	
dicloxacillin sodium	10	20	1	-3.9	-2.4	0.7	
dicloxacillin sodium	10	20	1	-2.5	0.4	0.0	
dicloxacillin sodium	4	8	1	-0.6	-2.4	2.5	
difloxacin hydrochloride	9	20	1	-1.5	-3.6	2.9	
dihydrostreptomycin sulfate	14	20	1	-1.5	-2.8	2.2	
dihydrostreptomycin sulfate	4	3	1	-0.3	-1.0	0.4	
dihydrostreptomycin sulfate	4	6	1	0.0	-2.5	1.7	
dirithromycin	4	5	1	-2.5	-2.7	1.8	

dirithromycin	17	20	1	-1.3	-0.9	0.0	
dirithromycin	4	5	1	-0.1	-2.0	0.0	
doxorubicin hcl	4	7	1	3.4	-8.8	15.1	detectable
doxorubicin hydrochloride	4	7	1	-7.9	-19.5	19.3	
doxorubicin hydrochloride	12	20	1	1.0	-6.4	15.8	
doxorubicin hydrochloride	12	20	5	7.5	-12.0	10.8	weak
doxorubicin	4	7	1	-0.7	-20.5	11.0	
doxorubicin	10	17	3	7.5	-7.3	16.2	detectable
doxycycline hcl	4	9	260	7.0	-1.2	17.4	very strong
doxycycline hyclate	4	8	364	6.4	-2.0	1.1	very strong
doxycycline hydrochloride	10	20	12	11.6	-1.9	0.8	weak
doxycycline hydrochloride	4	8	1359	8.4	-4.7	16.1	very strong
doxycycline hydrochloride	10	20	complete	9.8	-1.0	0.0	very strong
doxycycline	9	20	780	11.9	-2.8	11.3	very strong
enoxacin	4	12	474	7.0	-1.4	17.9	very strong
enoxacin	6	20	10581	9.6	-3.0	2.7	very strong
enoxacin	4	12	complete	22.5	-3.6	14.9	very strong
enrofloxacin	4	11	5738	7.0	-1.6	18.4	very strong
enrofloxacin	7	20	complete	12.2	-2.0	16.3	very strong
enrofloxacin	4	11	complete	8.9	-5.5	8.8	very strong
epirubicin hydrochloride	12	20	2	6.2	-6.8	15.5	detectable
eryped	17	20	993	11.9	-3.2	11.3	very strong
erythromycin estolate	21	20	1	-9.7	2.1	-2.1	
erythromycin estolate	4	4	1	-10.7	-2.7	3.3	
erythromycin ethylsuccinate	4	5	1	-3.0	-0.5	1.9	
erythromycin ethylsuccinate	17	20	12	7.2	-1.0	0.4	weak
erythromycin stearate	20	20	1	-0.2	-2.9	1.4	
erythromycin	15	20	1	-3.2	0.9	-0.9	
erythromycin	4	5	1	0.7	-1.4	0.2	
erythromycin	4	5	2	4.5	-1.7	11.2	detectable
ethambutol dihydrochloride	4	14	1	-0.6	-0.9	0.0	
ethambutol hydrochloride	6	20	1	-1.5	0.5	-0.5	
ethambutol hydrochloride	4	14	1	0.2	-0.6	0.7	
ethambutol	4	20	1	0.2	0.0	0.0	
ethionamide	4	24	1	-2.9	-0.2	0.0	
ethionamide	3	20	1	0.1	-1.0	0.4	
ethionamide	4	24	1	0.1	-0.9	0.0	
fleroxacin	4	11	2771	7.0	-1.4	18.0	very strong
florfenicol	4	11	complete	7.1	-1.8	17.9	very strong
florfenicol	4	11	complete	9.0	-5.0	8.2	very strong
florfenicol	4	11	complete	6.5	-2.6	1.8	very strong
flucloxacillin sodium	4	8	1	-0.5	-0.6	0.2	
flumequine	5	20	complete	10.7	0.3	-0.3	very strong
flumequine	4	15	complete	22.5	-4.2	15.0	very strong
flumequine	4	15	complete	12.8	-1.9	1.2	very strong
fluorouracil	4	31	5	6.7	-2.9	14.4	weak
fluorouracil	3	20	6	10.3	-0.5	0.0	weak
5-fluorouracil	3	20	4	8.7	-1.0	7.5	detectable
5-fluorouracil	3	20	5	7.6	-3.0	2.5	weak
5-fluorouracil	4	31	11	6.4	-1.5	14.8	weak
fosfomycin calcium	4	23	1	-0.4	-1.2	0.0	
fosfomycin	4	20	1	-0.6	-0.2	0.0	
fosfosal	4	20	1	-3.5	-0.9	0.8	
furazolidone	4	18	2	2.9	-1.2	3.3	
furazolidone	4	18	2	2.5	-0.1	0.0	
furazolidone	5	20	3	8.2	-1.9	0.9	detectable
fusidic acid sodium salt	4	7	273	9.5	-1.2	1.0	very strong
fusidic acid sodium	11	20	3804	9.8	-3.9	2.0	very strong
fusidic acid	4	8	24	8.0	-2.9	15.6	mod

fusidic acid	10	20	38	12.3	-2.5	1.5	mod
gatifloxacin	4	11	281	8.9	-4.7	8.8	very strong
gatifloxacin	8	20	5243	9.6	-2.2	1.6	very strong
gatifloxacin	8	20	complete	11.9	-4.5	12.0	very strong
gatifloxacin	4	11	complete	7.1	-1.9	18.4	very strong
gemifloxacin mesylate	10	20	599	9.5	-2.7	1.3	very strong
gemifloxacin mesylate	4	8	680	8.9	-3.3	8.4	very strong
gentamicin sulfate	12	20	1	-1.2	-1.0	0.7	
gentamicin sulfate	4	7	1	-0.3	-2.3	2.2	
gentamicine sulfate	4	3	1	3.1	-2.1	1.1	detectable
gentamycin sulfate	4	8	1	-1.4	-0.8	0.7	
gramicidin	4	4	101	8.3	21.8	-9.5	toxic
hetacillin potassium	9	20	1	-0.8	-0.4	0.0	
hetacillin potassium	4	9	1	0.1	-3.1	3.4	
hinokitiol	10	61	594	11.3	-2.4	13.5	very strong
ikarugamycin	10	21	1	2.9	34.3	-4.2	toxic
imipenem monohydrate	6	20	1	-0.8	-2.4	0.2	
imipenem	4	13	1	-1.5	0.2	-1.3	
imipenem	4	13	1	-0.1	0.7	-0.7	
indirubin-3'-monoxime	10	36	1	3.0	-10.4	10.6	
indirubin-3'-oxime	6	20	1	1.1	-21.0	20.8	
indirubin-3'-oxime	6	20	1	6.6	-18.0	10.1	detectable
indirubin	10	38	1	-0.3	-3.2	3.3	
isoniazid	3	20	1	-0.6	-0.7	1.4	
isoniazid	4	29	1	-3.4	-1.1	1.0	
isoniazid	3	20	1	-2.0	-0.4	0.2	
isoniazid	4	29	1	-0.2	-0.8	1.1	
isoniazid	4	29	1	2.2	-0.5	0.0	
josamycin	4	5	complete	12.9	-3.3	10.6	very strong
josamycin	4	5	complete	12.9	-2.3	2.3	very strong
kanamycin a sulfate	12	20	1	-1.4	-0.3	0.1	
kanamycin a sulfate	4	7	1	-0.7	-2.1	0.3	
kanamycin a sulfate	4	7	1	0.1	-0.7	0.0	
kasugamycin hydrochloride	8	20	1	0.7	-1.3	0.5	
kasugamycin	4	11	1	-1.9	0.0	0.0	
kitasamycin	17	20	complete	12.3	-3.7	15.2	very strong
lasalocid sodium salt	4	7	1	-2.7	-0.9	0.6	
lasalocid sodium	12	20	1	-2.4	1.3	-1.3	
levofloxacin hcl	4	11	complete	7.1	-1.5	18.1	very strong
levofloxacin	4	11	1057	8.9	-4.7	8.1	very strong
levofloxacin	7	20	1609	9.5	-2.9	2.9	very strong
levofloxacin	7	20	complete	12.3	-4.5	15.3	very strong
lincomycin hydrochloride	9	20	1	-3.4	0.4	-0.4	
lincomycin hydrochloride	4	9	1	-0.4	1.8	0.3	
lincomycin hydrochloride	4	9	1	-1.0	-0.9	0.5	
lincomycin	4	10	1	-2.3	-1.3	0.0	
linezolid	4	12	2	4.7	-2.9	7.5	detectable
linezolid	7	20	4	16.0	-3.4	9.9	detectable
linezolid	7	20	15	11.4	-2.1	12.8	weak
lomefloxacin hcl	4	11	complete	7.1	-1.6	18.2	very strong
lomefloxacin hydrochloride	8	20	complete	10.7	-2.5	1.7	very strong
lomefloxacin hydrochloride	8	20	complete	8.7	-4.2	7.5	very strong
lomefloxacin hydrochloride	4	10	complete	22.5	-2.3	15.7	very strong
lomefloxacin hydrochloride	4	10	complete	12.9	-3.8	2.9	very strong
lymecycline	4	7	1	1.6	-1.2	0.1	
mafenide hydrochloride	4	20	1	-3.0	0.0	0.0	
mafenide hydrochloride	4	18	1	-1.1	-0.8	0.2	
mafenide hydrochloride	4	18	1	0.6	-0.8	0.0	
mecillinam	7	20	1	-1.9	-1.3	1.6	

meclocycline sulfosalicylate	14	20	1	-11.5	-1.2	0.2	
meclocycline sulfosalicylate	4	6	2	4.5	-0.6	0.0	detectable
meclocycline sulfosalicylate	4	6	2	13.0	-4.8	12.6	detectable
meropenem	8	20	1	-2.0	-0.7	1.3	
meropenem	4	10	1	-0.5	-0.8	0.4	
meropenem	4	10	1	0.9	-2.6	1.5	
metampicillin sodium salt	4	10	1	2.3	-0.7	0.1	
metampicillin sodium	8	20	1	-2.2	-1.1	1.0	
methacycline hydrochloride	10	20	1	-7.8	-2.0	1.1	
methacycline hydrochloride	4	8	1	-8.2	-2.4	2.7	
methacycline hydrochloride	4	8	45	7.7	-1.4	0.8	mod
methicillin sodium	8	20	1	-2.3	0.3	-0.3	
methicillin sodium	4	10	1	-0.2	-1.0	1.8	
metronidazole	3	20	1	-2.7	1.9	-1.9	
metronidazole	4	23	1	-0.7	-1.0	1.5	
metronidazole	4	23	1	0.0	-3.6	2.9	
metronidazole	4	23	1	0.6	-0.3	0.0	
minocycline hcl	4	9	186	7.0	-1.4	17.7	strong
minocycline hydrochloride	10	20	610	8.6	-4.4	7.8	very strong
minocycline hydrochloride	10	20	1339	11.9	-2.1	11.2	very strong
minocycline hydrochloride	4	8	2889	8.4	-4.6	15.7	very strong
minocycline hydrochloride	4	8	complete	12.8	-1.8	0.4	very strong
mitomycin c	7	20	1433	7.9	-1.8	0.0	very strong
mitomycin c	4	12	complete	12.2	-3.8	14.1	very strong
mitomycin c	4	12	complete	8.4	-4.1	17.1	very strong
mitomycin c	10	30	complete	11.4	-2.2	11.7	very strong
monensin sodium	14	20	1	-5.1	2.8	-2.8	
monensin sodium	4	6	1	-6.2	3.1	-5.6	toxic
monensin sodium salt	4	6	1	-3.9	3.3	-3.3	toxic
monensin sodium	10	14	1	-2.3	-1.0	-0.7	
moxalactam disodium salt	4	7	2	2.5	0.4	-0.4	
moxalactam disodium	11	20	1	-4.1	0.6	-0.6	
moxalactam disodium	4	7	1	0.2	-1.2	0.3	
moxifloxacin hcl	9	20	complete	12.3	-4.7	15.4	very strong
moxifloxacin hydrochloride	4	9	1187	8.9	-4.9	8.6	very strong
moxifloxacin hydrochloride	9	20	1359	9.5	-2.5	1.9	very strong
mupirocin	10	20	38	11.6	-1.5	10.5	mod
nadifloxacin	4	11	complete	7.1	-1.8	18.5	very strong
nadifloxacin	4	11	complete	7.9	-1.2	1.1	very strong
nafcillin sodium salt monohydrate	4	9	1	-0.9	-1.0	0.0	
nafcillin sodium	9	20	1	-4.5	2.4	-2.4	
nafcillin sodium	4	9	1	-0.1	-2.7	1.5	
nalidixic acid sodium	5	20	complete	8.7	-1.6	6.2	very strong
nalidixic acid	5	20	1	-2.5	-0.7	0.4	
nalidixic acid	4	17	1	4.3	-0.4	3.1	detectable
neomycin sulfate	4	7	1	-2.5	-0.9	0.4	
neomycin sulfate	4	6	1	-0.2	-2.9	0.2	
neomycin sulfate	4	6	1	1.0	-1.6	0.6	
neomycin sulfate	14	20	2	3.0	-2.2	0.7	
netilmicin sulfate	4	6	1	-0.1	-1.0	0.9	
nifuroxazide	4	15	1	-0.6	-2.7	0.8	
nifursol	7	20	1	0.5	-3.1	1.5	
nifurtimox	4	14	1	1.1	-4.3	3.8	
nitrofurantoin	5	20	2	6.0	-0.3	0.5	detectable
nitrofurantoin	5	20	1	1.4	1.2	-1.2	
nitrofurantoin	4	17	6	10.5	-1.8	1.3	weak
nitrofurantoin	4	17	6	7.0	-2.3	9.4	weak
nitrofurazone	4	20	1	0.0	-1.7	1.5	
nitrofurazone	4	20	1	1.6	-2.8	2.7	

norfloxacin	4	13	206	7.0	-1.6	18.2	strong
norfloxacin	4	13	257	12.8	-3.8	2.6	strong
norfloxacin	6	20	946	12.7	-2.2	1.8	very strong
norfloxacin	4	13	complete	8.4	-5.1	15.9	very strong
novobiocin na	4	7	1	1.3	-1.3	5.7	
novobiocin sodium salt	4	6	15	6.0	-0.8	0.0	weak
novobiocin sodium	13	20	3	8.1	-1.4	0.1	detectable
novobiocin sodium	4	6	19	7.9	-3.1	15.8	mod
ofloxacin	7	20	799	8.7	-3.4	7.4	very strong
ofloxacin	4	11	323	7.0	-1.8	18.3	very strong
ofloxacin	7	20	complete	10.7	-5.1	4.5	very strong
ofloxacin	4	11	complete	22.5	-4.1	15.3	very strong
ofloxacin	4	11	complete	12.9	-3.5	1.8	very strong
oleandomycin phosphate	16	20	1	-4.6	-0.9	0.0	
oleandomycin phosphate	4	5	1	-0.5	-1.7	1.1	
oleandomycin phosphate	4	5	1	-0.5	-3.5	2.1	
orbifloxacin	8	20	2	3.3	-2.6	0.8	detectable
ormetoprim	5	20	10	10.9	-2.4	13.1	weak
ornidazole	4	18	1	-0.2	-2.3	0.4	
ornidazole	4	18	1	1.0	-1.4	0.8	
oxacillin sodium monohydrate	4	10	1	-1.8	-1.0	1.3	
oxacillin sodium	8	20	1	-6.0	-0.7	0.0	
oxacillin sodium	4	9	1	-0.7	-1.5	1.8	
oxolinic acid	5	20	complete	8.7	-2.6	7.5	very strong
oxolinic acid	5	20	274	10.7	-1.5	0.7	very strong
oxolinic acid	4	15	362	12.8	-2.7	2.3	very strong
oxolinic acid	4	15	complete	22.5	-4.7	15.3	very strong
oxytetracycline dihydrate	4	8	2	6.3	-2.0	1.7	detectable
oxytetracycline hydrochloride	10	20	66	11.7	-3.4	11.4	strong
oxytetracycline	4	8	2	3.9	-1.9	11.9	detectable
oxytetracycline	10	20	4	9.2	-2.4	2.2	detectable
paromomycin sulfate	14	20	1	-0.7	-1.4	0.1	
paromomycin sulfate	14	20	1	-0.9	-1.8	0.7	
paromomycin sulfate	4	6	1	-0.4	-0.8	0.1	
pazufloxacin mesylate	8	20	1	0.8	-0.9	0.0	
pazufloxacin	4	13	553	7.0	-2.0	18.6	very strong
pazufloxacin	6	20	809	12.3	-4.3	15.3	very strong
pefloxacin mesylate	9	20	2811	12.3	-4.6	15.6	very strong
pefloxacin mesylate	4	9	447	8.9	-2.1	8.3	very strong
pefloxacin mesylate	9	20	1169	9.5	-1.8	1.0	very strong
pefloxacin mesylate	4	12	1450	7.0	-1.8	18.2	very strong
penicillin g potassium	4	11	1	-0.1	-1.4	2.2	
penicillin v potassium	4	11	1	-0.7	-1.2	3.5	
penicillin v potassium	8	20	1	-5.2	-0.6	0.2	
penicillin v potassium	4	10	1	-0.3	-1.6	2.2	
penicillin v	7	20	1	0.3	-1.6	0.7	
6-2-ethoxy-1-naphthamido- penicillin sodium salt	9	20	1	1.8	-0.6	0.6	
pfizerpen	7	20	1	-0.3	0.4	-0.1	
phenethicillin potassium salt	4	10	1	0.8	0.0	0.0	
phenethicillin potassium	4	10	1	0.8	-2.7	2.6	
phenyl aminosalicylate	4	17	1	0.8	-1.7	1.8	
phosphomycin disodium; fosfomycin; phosphonomycin; mk- 955	4	20	1	-0.6	-1.2	0.0	
pipemidic acid	6	20	1	-1.6	-0.1	0.0	
pipemidic acid	4	13	1	0.8	0.5	-0.5	
piperacillin sodium salt	11	20	1	-0.9	0.0	0.0	
piperacillin sodium salt	4	7	1	0.1	1.4	-1.4	

piperacillin sodium	11	20	1	-2.1	-1.7	1.2	
piperacillin sodium	4	7	1	-1.0	-1.6	0.5	
piperacillin	4	8	1	-0.8	-1.4	3.2	
piromidic acid	6	20	1	-2.5	-1.6	1.1	
piromidic acid	4	14	1	0.8	0.8	-0.8	
pivampicillin	4	9	1	0.4	0.2	-0.2	
pivmecillinam hydrochloride	4	8	1	1.3	-1.2	0.9	
polymyxin b sulfate	26	20	1	-4.1	5.8	-5.8	toxic
polymyxin b sulfate	4	3	1	-1.6	4.6	-2.2	toxic
prothionamide	4	20	1	-3.1	-0.3	0.0	
prothionamide	4	22	1	0.1	-0.8	1.2	
prulifloxacin	9	20	1	1.4	-3.6	3.0	
puromycin dihydrochloride	4	8	1	-1.3	2.7	-0.5	
puromycin dihydrochloride	4	7	1	-1.1	13.3	-13.3	toxic
puromycin hydrochloride	11	20	1	-3.8	1.7	-1.7	
puromycin hydrochloride	4	7	1	-0.3	0.2	0.0	
puromycin dihydrochloride	10	19	87	11.2	16.7	-2.7	toxic
pyrazinamide	2	20	1	-3.9	0.5	-0.5	
pyrazinamide	4	32	1	1.5	-1.8	2.4	
pyrazinamide	4	32	1	0.3	-0.4	0.0	
pyrazinecarboxamide	6	20	1	-0.4	-1.0	1.0	
pyrazinecarboxamide	2	20	1	1.3	-0.1	-0.2	
ramoplanin	51	20	1	-0.3	2.4	-2.4	
ribostamycin sulfate salt	4	7	1	0.8	0.0	0.0	
ribostamycin sulfate	11	20	1	-0.8	-1.2	0.1	
rifabutin	17	20	475	11.8	-7.2	12.9	very strong
rifabutin	17	20	complete	12.3	-8.2	17.0	very strong
rifabutin	4	5	complete	7.9	-6.6	5.8	very strong
rifampicin	16	20	complete	11.9	-13.7	14.8	very strong
rifampicin	4	5	complete	12.2	-8.7	15.7	very strong
rifampicin	4	5	complete	9.5	-11.9	11.2	very strong
rifampin	16	20	complete	12.7	-12.7	12.6	very strong
rifampin	4	5	complete	22.5	-16.6	18.3	very strong
rifamycin sv	4	6	229	7.0	-2.2	17.3	strong
rifapentine	18	20	1680	11.9	-11.6	14.2	very strong
rifapentine	18	20	complete	12.3	-12.0	18.3	very strong
rifaximin	16	20	complete	12.3	-6.4	16.2	very strong
rifaximin	4	5	complete	9.0	-6.1	8.6	very strong
rolitetracycline	4	8	1	-0.3	-2.3	2.2	
rolitetracycline	4	8	1	0.6	-1.6	0.5	
roxithromycin	4	5	5320	6.5	-2.9	1.9	very strong
roxithromycin	17	20	complete	9.6	-2.2	1.2	very strong
roxithromycin	4	5	complete	7.0	-1.5	18.1	very strong
roxithromycin	4	5	complete	8.9	-3.7	8.7	very strong
rufloxacin hcl	7	20	complete	12.3	-3.0	15.1	very strong
rufloxacin hydrochloride	7	20	1	-0.7	-2.1	1.8	
rufloxacin	4	11	complete	7.1	-1.5	17.9	very strong
salinomycin, sodium	15	20	1	-4.5	0.6	-0.6	
sarafloxacin hcl	4	10	complete	7.1	-1.6	18.5	very strong
sarafloxacin hydrochloride	8	20	1003	9.5	-2.2	2.0	very strong
sarafloxacin hydrochloride	4	9	complete	9.0	-4.1	8.8	very strong
sisomicin sulfate	11	20	1	-3.0	0.9	-0.9	
sisomicin sulfate	4	7	1	0.0	-0.4	0.0	
sisomicin sulfate	4	7	1	0.8	-1.8	0.9	
sparfloxacin	4	10	complete	7.1	-1.9	18.2	very strong
spectinomycin dihydrochloride pentahydrate	7	20	1	-0.3	-1.7	3.4	
spectinomycin dihydrochloride	4	10	1	1.2	0.3	-0.3	
spectinomycin hydrochloride	4	10	1	-2.0	-1.7	2.1	

spectinomycin hydrochloride	8	20	1	-0.8	0.3	-0.3	
spectinomycin	4	12	1	-1.6	-1.5	0.6	
spiramycin	17	20	1	-4.3	-0.9	0.0	
spiramycin	4	5	1	-1.5	1.3	-1.3	
spiramycin	4	5	1	0.2	-2.7	0.0	
streptomycin sulfate	14	20	1	-2.7	-0.8	0.3	
streptomycin sulfate	4	7	1	-0.9	-0.6	0.0	
streptomycin sulfate	4	6	1	0.0	-2.4	1.3	
streptomycin sulfate	4	3	1	0.6	-0.3	0.0	
succinylsulfathiazole	7	20	1	-3.7	-1.3	0.0	
succinylsulfathiazole	4	11	1	0.3	-1.2	2.2	
succinylsulfathiazole	4	11	1	-0.6	-0.7	0.3	
sucralfate sodium	4	2	1	-0.4	-2.6	0.0	
sulfactam	4	17	1	0.6	-1.0	3.5	
sulfabenzamide	4	14	1	-1.9	-2.4	2.6	
sulfabenzamide	6	20	1	-0.6	-1.1	0.4	
sulfabenzamide	4	14	2	2.2	-1.4	0.8	
sulfacarbamide	4	20	1	-0.8	-1.3	0.4	
sulfacetamide sodic hydrate	4	16	1	-2.1	0.0	0.0	
sulfacetamide	4	20	1	-2.1	0.0	0.0	
sulfacetamide	4	20	1	-3.8	-1.6	1.1	
sulfacetamide	4	19	1	-0.3	-2.8	3.9	
sulfachloropyridazine	4	14	4	4.7	-0.7	0.1	detectable
sulfachloropyridazine	6	20	1	0.6	0.2	-0.2	
sulfachloropyridazine	4	14	2	9.7	-3.6	7.9	detectable
sulfadiazine	5	20	1	2.4	-0.2	0.0	
sulfadiazine	4	16	1	1.7	-0.8	2.3	
sulfadiazine	4	16	1	5.9	-3.7	6.3	detectable
sulfadiazine	4	16	2	5.8	-1.5	0.0	detectable
sulfadimethoxine	4	13	2	3.1	-1.0	3.5	detectable
sulfadimethoxine	4	13	2	11.4	-2.6	8.9	detectable
sulfadimethoxine	6	20	2	5.7	-0.4	0.0	detectable
sulfadimethoxine	4	13	6	5.3	0.5	-0.5	weak
sulfadoxine	4	13	1	0.1	-0.8	0.8	
sulfadoxine	4	13	2	4.2	-0.9	3.2	detectable
sulfadoxine	4	13	3	4.6	-2.3	1.6	detectable
sulfaguanidine	4	20	1	-2.9	-0.3	0.0	
sulfaguanidine	4	19	1	-1.8	-1.1	0.0	
sulfaguanidine	4	19	1	0.8	-1.6	0.9	
sulfamerazine	5	20	1	0.6	0.3	-0.3	
sulfamerazine	4	15	1	6.0	-2.9	5.5	detectable
sulfamerazine	4	15	3	4.0	-0.1	0.0	detectable
sulfameter	6	20	1	0.8	0.6	-0.6	
sulfameter	4	14	2	9.6	-1.7	7.2	detectable
sulfameter	4	14	4	4.7	0.3	-0.3	detectable
sulfamethazine sodium salt	4	13	2	2.9	-0.6	0.4	
sulfamethazine	6	20	1	-1.6	-0.1	0.0	
sulfamethazine	4	14	1	4.8	-2.0	4.9	detectable
sulfamethizole	5	20	2	3.4	-0.9	0.5	detectable
sulfamethizole	4	15	2	11.3	-3.1	8.6	detectable
sulfamethizole	4	15	4	4.6	-0.9	0.7	detectable
sulfamethoxazole	4	16	2	13.0	-1.1	7.7	detectable
sulfamethoxazole	4	16	3	8.1	-2.3	0.0	detectable
sulfamethoxazole	5	20	4	7.5	-2.1	1.8	detectable
sulfamethoxypyridazine	6	20	1	0.2	0.6	-0.6	
sulfamethoxypyridazine	4	14	2	7.1	-3.4	6.7	detectable
sulfamethoxypyridazine	4	14	3	4.4	0.7	-0.7	detectable
sulfamonomethoxine	4	14	3	13.2	-2.7	9.4	detectable
sulfamonomethoxine	6	20	4	7.9	-0.9	0.4	detectable

sulfamonomethoxine	4	14	9	5.7	-0.9	0.3	weak
sulfanilamide	3	20	1	-2.8	1.6	-1.6	
sulfanilamide	4	23	1	1.1	-2.2	2.0	
sulfanilamide	4	23	1	0.3	0.1	-0.1	
sulfanilate zinc	4	10	1	-0.1	-2.8	0.1	
sulfanitran	7	20	1	-0.3	-1.8	0.7	
sulfanitran	4	12	1	0.8	-3.3	1.7	
sulfaphenazole	6	20	4	14.3	-1.4	7.0	detectable
sulfaphenazole	6	20	3	6.3	-0.9	0.0	detectable
sulfaphenazole	4	13	5	10.0	-2.5	1.8	weak
sulfapyridine	5	20	1	1.2	0.0	0.0	
sulfapyridine	4	16	1	3.0	-1.2	4.1	
sulfapyridine	4	16	2	2.4	-1.8	0.0	
sulfaquinoxaline sodium salt	4	12	3	4.4	-1.1	0.1	detectable
sulfaquinoxaline sodium	4	12	2	9.9	-1.5	5.9	detectable
sulfathiazole	4	16	1	5.1	-0.4	4.6	detectable
sulfathiazole	5	20	2	4.8	-0.8	0.0	detectable
sulfathiazole	4	16	3	8.0	-1.4	0.9	detectable
sulfisoxazole acetyl	4	13	1	-0.5	-1.6	0.5	
sulfisoxazole	5	20	1	1.7	0.0	0.0	
sulfisoxazole	4	15	2	9.3	-0.8	8.3	detectable
sulfisoxazole	4	15	3	6.2	-1.1	0.0	detectable
talampicillin hydrochloride	4	8	1	1.1	-0.9	0.0	
tazobactam	6	20	1	0.2	-2.8	1.3	
teicoplanin	4	2	1	1.6	0.8	0.2	
teliithromycin	16	20	complete	9.6	-1.6	1.1	very strong
teliithromycin	4	5	complete	12.9	-2.7	10.0	very strong
tetracycline hydrochloride	10	20	1	-1.3	-1.4	0.3	
tetracycline hydrochloride	4	8	3	13.8	-2.0	10.4	detectable
tetracycline hydrochloride	4	8	4	9.5	-1.9	0.2	weak
tetracycline	4	9	1	-1.6	-0.6	1.1	
tetracycline	9	20	1	-0.9	0.0	0.0	
thiamphenicol glycinate	4	10	1	0.3	-1.1	5.9	
thiamphenicol	7	20	1	0.2	-1.9	1.7	
thiamphenicol	4	11	1	5.2	-2.8	7.5	detectable
thiamphenicol	4	11	1	3.1	-1.6	0.3	detectable
thiolactomycin	4	20	1	0.2	-2.9	0.4	
thiostrepton	4	2	9	8.0	-4.4	8.3	weak
thiostrepton	4	2	215	9.5	-1.8	0.8	strong
ticarcillin disodium	9	20	1	-1.3	1.8	-1.8	
ticarcillin sodium	4	9	1	-0.1	0.3	-0.3	
tigecycline	12	20	1	2.2	-5.0	4.6	
tilmicosin	4	5	1	-1.4	-1.4	0.8	
tinidazole	5	20	1	-2.6	1.0	-1.0	
tinidazole	4	16	1	-2.2	2.7	-2.7	
tinidazole	4	16	1	-1.0	-0.6	1.5	
tinidazole	4	16	1	2.0	-4.2	3.5	
tobramycin (free base)	4	9	1	0.6	-1.3	4.8	
tobramycin	4	9	1	1.8	-1.4	2.0	
tobramycin	4	9	1	1.3	-2.1	0.9	
tosufloxacin tosylate	12	20	complete	12.3	-5.0	15.6	very strong
tosufloxacin	4	10	complete	7.1	-1.8	18.4	very strong
triclosan	6	20	91	11.7	-2.9	11.0	strong
triclosan	4	14	55	8.8	-1.4	7.6	mod
trimethoprim	4	14	2	7.6	-1.7	8.9	detectable
trimethoprim	6	20	2	8.9	-0.5	5.4	detectable
trimethoprim	4	14	2	7.0	-1.2	0.0	detectable
trimethoprim	6	20	4	7.8	-1.1	1.0	detectable
trimethoprim	4	14	5	5.7	-1.2	14.9	weak

troleandomycin	4	5	1	-5.6	-1.9	5.3	
troleandomycin	4	5	1	-2.8	-1.8	0.0	
troleandomycin	16	20	4	7.7	-0.1	0.0	detectable
troleandomycin	4	5	25	11.7	-2.3	12.7	mod
trovafloxacin mesylate	10	20	1695	22.7	-6.5	13.5	very strong
tylosin tartrate	4	4	1	0.5	-3.4	3.5	
tylosin tartrate	18	20	14	8.8	-2.8	1.2	weak
tylosin tartrate	4	4	26	6.8	-1.7	17.5	mod
vancomycin hydrochloride	30	20	2	11.7	-2.1	6.1	detectable
vancomycin hydrochloride	30	20	1	-0.5	0.1	-0.1	
vancomycin hydrochloride	4	3	1	0.1	-2.4	3.1	
vancomycin hydrochloride	4	3	1	0.9	0.0	0.0	
viomycin sulfate	4	5	1	-0.9	-1.8	0.4	

compound name: note, some compounds were tested and therefore listed several times based on their presence in different bioactive screening libraries.

µg/ml and *µM*: final concentration of compound in screening wells.

fold-reduction: the reduction in luminescence relative to untreated control wells determined on day 2 of incubation. Fold reduction to a level equal to or below positive control wells (10µg/ml levofloxacin) was considered complete elimination.

z-lux: the z-score for reduction in luminescence of test wells compared to untreated controls determined on day two of infection.

z-cytotox: the z-score for cytotoxicity of test wells compared to 10µg/ml levofloxacin treated control wells on day 1 of infection, assessed based on increase in SYTOX Green fluorescence.

z-antitox: the z-score for cytopreservation of test wells compared to the negative controls wells on day 2, based on reduction in SYTOX Green fluorescence.

hit strength: based on scale-fold reduction described in Table 1 legend. Those without designation were inactive (i.e., z-score for luminescence reduction < 3). Those labeled toxic had a z-cytotox >=3.