Table 1. Representative TLC systems for antibiotics produced in situ.

Compound	Plate type	Solvent	R_f	Detection	Reference
Phenazine-1-carboxylic acid	Silica Gel G	benzene/acetic acid 95:5	0.17	UV, 365 nm	40
2-hydroxy-phenazine-1-carboxylic acid	Silica Gel G	benzene/acetic acid 95:5	0.19	UV, 365 nm	40
2-hydroxyphenazine	Silica Gel G	benzene/acetic acid 95:5	0.04	UV, 365 nm	40
Phenazine-1-carboxamide	Silica Gel	butanol/acetic acid 90:10	0.47	bioautography *Fusarium oxysporum*	7
2,4-diacetylphloroglucinol	Silica Gel 60 F_{254}	chloroform/methanol 19:1	0.20	UV, 254 nm bioautography (*Bacillus subtilis*)	23
		chloroform/methanol/water 80:15:1	0.78	UV, 254 nm *p*-anisaldehyde reagent	53
	Silica Gel GF	dichloromethanol/hexane/ methanol 50:40:10	0.48	UV, 254 nm, 365 nm	46
	Reversed phase KC18F	acetonitrile/methanol/ water 1:1:1	0.85	UV, 254 nm, Pauly reagent	J. Kraus, personal comm.

Pyrrolnitrin	Silica Gel GHLF	chloroform/acetone 9:1	0.86	UV, 254 nm	27
	Silica Gel 60 F_{254}	chloroform/acetone 9:1	0.48	Erlich reagent, Pauly reagent	5
	Reversed phase KC18F	acetonitrile/methanol/ water 1:1:1	0.23	Erlich reagent, Pauly reagent	5
Pyoluteorin	Silica Gel GHLF	chloroform/acetone 9:1	0.36	UV, 254 nm	27
	Silica Gel 60 F_{254}	chloroform/methanol 19:1	0.50	UV, 254 nm bioautography (*Bacillus subtilis*)	23
		chloroform/methanol/water 80:15:1	0.45	UV, 254 nm *p*-anisaldehyde reagent	53
	Reversed phase KC18F	acetonitrile/methanol/ water 1:1:1	0.75	UV, 254 nm Pauly reagent	J. Kraus, personal comm.
Herbicolin A	Silica Gel LK6DF	chloroform/methanol/ acetic acid/water 65:25:4:3		bioautography (*Candida albicans*)	25

Xanthobaccin XB-A	Silica Gel HPTLC	chloroform/methanol/water 65:25:4	0.49	UV, 254 Orcinol-H_2SO_4	37
Zwittermycin A	Silica Gel 60	*n*-butanol/acetic acid/water 2:1:1		Ninhydrin, $AgNO_3$	47
Gliotoxin	Silica Gel LK6DF	chloroform/acetone 7:3	0.54	UV, 254 nm	31
Chaetomin	Silica Gel 60 F_{254}	methylene chloride/methanol 95:5		UV, 254 nm, bioautography (*Pythium ultimum*)	13