

APPENDIX 1

Phototoxicity of 8-MOP and HL-1 against *C. utilis*

Conc. (ug/disc)	8-MOP	HL-1	LSD
2.0	3.3	0	0.9
4.0	7.7	3.0	1.5
6.0	10.3	4.3	1.3
8.0	12.0	6.0	0
10.0	14.0	7.7	0.9
25.0	15.0	10.7	1.5
50.0	15.0	11.0	0
100.0	15.0	11.0	0

Phototoxicity of 8-MOP and HL-1 against *A. tumefaciens*

Conc. (ug/disc)	8-MOP	HL-1	LSD
2.0	4.0	0	0
4.0	8.7	2.3	1.3
6.0	12.7	4.0	0.9
8.0	14.0	6.3	1.5
10.0	16.0	8.0	0
25.0	16.7	10.0	0.9
50.0	17.0	10.7	1.5
100.0	17.0	10.7	0.9

Phototoxicity of 8-MOP and HL-1 against *P. vulgaris*

Conc. (ug/disc)	8-MOP	HL-1	LSD
2.0	5.3	0	0.9
4.0	9.0	3.7	1.5
6.0	12.3	4.7	1.3
8.0	14.7	9.0	1.5
10.0	17.0	10.7	0.9
25.0	19.7	13.7	2.2
50.0	21.0	14.0	2.7
100.0	21.0	14.0	2.7

Phototoxicity of HL-1 against test microorganisms

Conc. (ug/disc)	<i>C. utilis</i>	<i>A. tumefaciens</i>	<i>P. vulgaris</i>	LSD
2.0	0	0	0	0
4.0	3.0	2.3	3.7	0.9
6.0	4.3	4.0	4.7	0.9
8.0	6.0	6.3	9.0	1.0
10.0	7.7	8.0	10.7	0.9
25.0	10.7	10.0	13.7	1.4
50.0	11.0	10.7	14.0	1.3
100.0	11.0	10.7	14.0	1.0

Phototoxicity and antimicrobial activity of F3 against *B. subtilis* and *M. luteus*

Conc. (ug/disc)	BS			ML		
	UVA	DARK	LSD	UVA	DARK	LSD
10.0	1.0	0	0	2.0	0	0
25.0	3.0	1.0	0	4.0	1.0	0
50.0	4.0	1.7	1.8	7.0	20.	1.8
100.0	5.0	2.0	0	10.0	3.7	1.5
250.0	8.0	2.7	1.5	11.7	5.7	1.3
500.0	9.7	3.3	1.3	13.0	6.0	2.7
750.0	11.0	4.0	3.8	13.0	6.0	0
1000.0	11.0	4.0	0	13.0	6.0	1.6

Phototoxicity and antimicrobial activity of F3 against *S. aureus* and *S. faecalis*

Conc. (ug/disc)	SA			SF		
	UVA	DARK	LSD	UVA	DARK	LSD
10.0	1.0	0	0	0	0	0
25.0	3.0	0	0	1.7	0	0.9
50.0	5.0	0	0	4.0	0	0
100.0	8.0	2.0	1.6	6.3	1.7	2.2
250.0	8.7	4.0	1.5	9.0	2.3	1.8
500.0	9.7	4.0	1.8	10.0	3.7	1.5
750.0	11.0	4.0	2.7	12.0	5.0	2.3
1000.0	11.0	4.0	1.6	12.0	5.0	0

KEY:

LSD - Less significant derivation