

Supplementary Material

Anti-Protozoal Activities of Cembrane-Type Diterpenes from Vietnamese Soft Corals

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Table S1. Results of multiple-target screening of 34 cembranoid diterpenes against four protozoan pathogens.

Comps.	Cpd ID	% Growth Inhibition							
		<i>T. b. rhodesiense</i>		<i>T. cruzi</i>		<i>L. donovani</i>		<i>P. falciparum</i> NF54	
		10.0 μ M	2.0 μ M	10.0 μ M	2.0 μ M	10.0 μ M	2.0 μ M	10.0 μ M	2.0 μ M
	Ref. ^a	99.4	100.0	103.8	75.6	96.3	97.2	99.9	100.1
Cembranoid Diterpenes									
1	YHK-35A-LCR-7	95.5	25.4	30.0	19.7	12.2	24.2	98.9	0.0
2	YHK-35A-LCR-8	101.1	17.4	24.0	13.0	24.0	16.9	97.6	0.0
3	YHK-35A-LCR-1	94.3	20.8	32.8	22.6	21.1	27.8	78.3	0.0
4	YHK-35A-LCR-4	80.8	12.0	16.3	21.4	24.7	24.8	45.5	4.7
5	YHK-35A-LCR-6	101.0	30.5	30.2	27.9	19.9	25.0	0.0	0.0
6	YHK-35A-LCR-22	94.1	24.8	22.2	16.9	24.6	34.1	0.0	0.0
7	YHK-35A-LCR-21	102.7	102.6	27.1	14.3	66.3	66.9	26.5	4.0
8	YHK-35A-LCR-13	102.4	102.5	17.9	0.0	72.2	91.1	99.7	0.6
9	YHK-35A-LCR-30	93.4	29.4	17.6	0.0	19.5	25.4	0.0	0.0
10	YHK-35A-LCR-23	99.8	42.5	0.0	2.6	23.9	22.4	99.9	17.5
11	YHK-35A-LCR-24	94.5	21.0	0.0	0.0	16.8	20.5	84.9	0.0
12	YHK-35A-LCR-25	96.6	62.1	34.8	1.6	8.6	27.7	0.0	0.0
13	YHK-35A-LCR-26	60.9	15.3	13.5	0.0	18.9	14.0	0.0	0.0
14	YHK-35A-LCR-27	93.2	32.9	15.2	22.0	21.9	23.4	0.0	6.5
15	YHK-35A-LCR-29	96.8	31.3	23.2	18.4	21.6	26.0	87.4	0.0
16	YHK-35A-SM-14	95.8	60.8	19.2	12.7	18.8	21.9	0.0	0.0
17	YHK-35A-SM-21	93.3	27.6	0.0	0.0	23.4	26.3	92.1	43.2
18	YHK-35A-SM-22	96.3	67.0	24.2	0.0	32.3	22.5	11.3	0.0
19	YHK-35A-SM-27	93.6	25.4	28.4	20.1	0.0	2.7	0.0	0.0
20	YHK-35A-SM-18	89.6	27.0	22.9	25.3	3.1	0.0	0.0	0.0
21	YHK-35A-SM-24	102.4	93.0	29.1	12.7	20.0	22.3	35.1	0.0
22	YHK-35A-SM-30	90.6	26.4	13.8	0.0	21.6	23.2	0.0	0.0
23	YHK-35A-SM-26	91.5	26.2	26.0	12.2	11.5	28.1	0.0	0.0

Table S1. Cont.

Comps.	Cpd ID	% Growth Inhibition							
		<i>T. b. rhodesiense</i>		<i>T. cruzi</i>		<i>L. donovani</i>		<i>P. falciparum</i> NF54	
		10.0 μ M	2.0 μ M	10.0 μ M	2.0 μ M	10.0 μ M	2.0 μ M	10.0 μ M	2.0 μ M
	Ref. ^a	99.4	100.0	103.8	75.6	96.3	97.2	99.9	100.1
Cembranoid Diterpenes									
24	YHK-35A-SM-4	82.5	11.0	28.1	30.0	12.1	28.1	0.0	0.0
25	YHK-35A-SM-5	73.7	10.6	24.6	0.0	0.0	6.8	0.0	0.0
26	YHK-35A-SM-8	86.5	3.8	23.1	19.5	24.8	29.2	0.0	0.0
27	YHK-35A-SM-1	90.8	23.4	19.9	18.9	21.2	25.4	0.0	0.0
28	YHK-35A-SM-13	96.3	40.0	27.1	3.8	23.1	23.3	4.2	0.0
29	YHK-35A-SM-16	95.0	23.1	26.9	24.0	15.1	20.6	6.2	0.0
30	YHK-35A-SM-19	92.3	24.1	0.0	6.3	19.8	22.6	0.0	0.0
31	YHK-35A-SM-23	92.3	23.4	17.3	9.9	19.6	30.7	3.9	0.0
32	YHK-35A-SM-29	93.9	42.6	3.1	7.4	24.9	23.8	7.9	0.0
33	YHK-35A-SM-17	22.7	6.7	21.9	19.1	11.6	37.1	0.0	0.0
34	YHK-35A-SM-20	102.3	2.6	0.0	11.1	47.4	25.0	0.0	0.0

^a Reference compounds: *T. brucei rhodesiense*: Melarsoprol; *T. cruzi*: Benznidazole; *L. donovani*: Miltefosine; *P. falciparum*: Chloroquine.