

Antioxidant, anti-proliferative effects, and molecular docking of *Clinacanthus nutans* leaf extracts

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Table S1. The IC₅₀ of *C. nutans* extracts using Sulforhodamine B (SRB), 3-(4,5-dimethylthiazol-2-yl)-5-(3-carboxymethoxyphenyl)-2-(4-sulfophenyl)-2H-tetrazolium (MTS) and alamar blue assays at 72 h exposure. The anti-proliferative effects were evaluated by using MCF7 and MCF 10A.

Type of extracts	IC ₅₀ of <i>C. nutans</i> extracts		
	Alamar blue (µg/mL)	SRB (µg/mL)	MTS (µg/mL)
MCF7			
CN-Hex	52.14 ± 1.12	50.34 ± 0.11	50.15 ± 0.75
CN-Dcm	66.47 ± 0.54	65.95 ± 0.14	63.45 ± 0.95
CN-Chl	67.95 ± 1.47	67.52 ± 0.17	62.47 ± 0.47
CN-But	124.41 ± 2.34	111.50 ± 0.20	112.54 ± 1.25
CN-Crd	502.61 ± 5.12	496.50 ± 0.45	475.14 ± 5.14
CN-Aqu	408.67 ± 4.17	398.00 ± 0.24	364.12 ± 4.89
MCF 10A			
CN-Hex	37.21 ± 0.87	40.43 ± 1.70	51.13 ± 1.25
CN-Dcm	115.47 ± 1.76	100.20 ± 2.88	100.84 ± 2.49
CN-Chl	56.87 ± 1.24	57.55 ± 0.38	52.14 ± 1.48
CN-But	89.64 ± 1.74	86.50 ± 1.06	89.14 ± 1.47
CN-Crd	52.31 ± 0.84	53.15 ± 0.23	52.78 ± 1.34
CN-Aqu	164.57 ± 2.74	160.40 ± 0.52	161.78 ± 3.45
No significant differences between three cytotoxicity assays (P>0.05) based on Kruskal-Wallis test analysis, n=3.			