

Supplementary Material



Cell Cytotoxicity, Antimicrobial, and Mosquitocidal Activity of Prepared Cinnamon Oil Formulations

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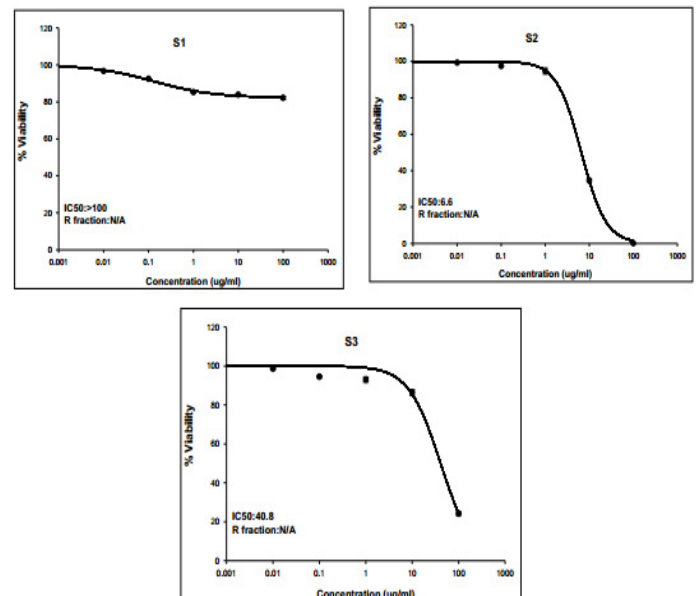
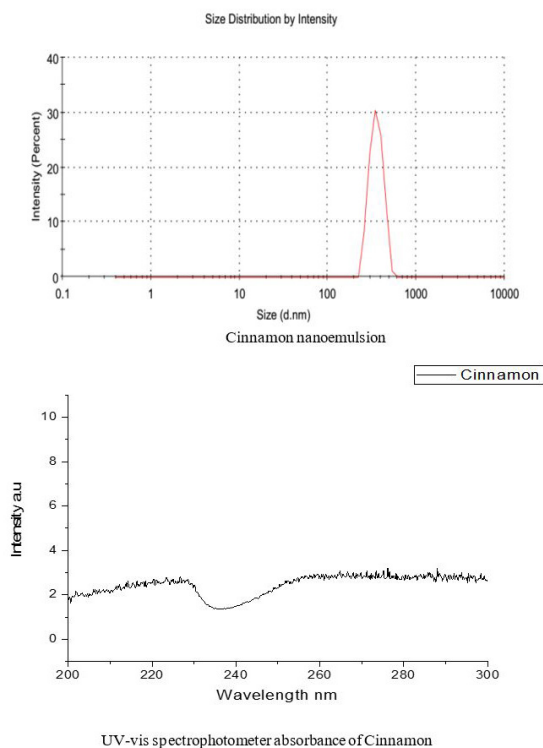
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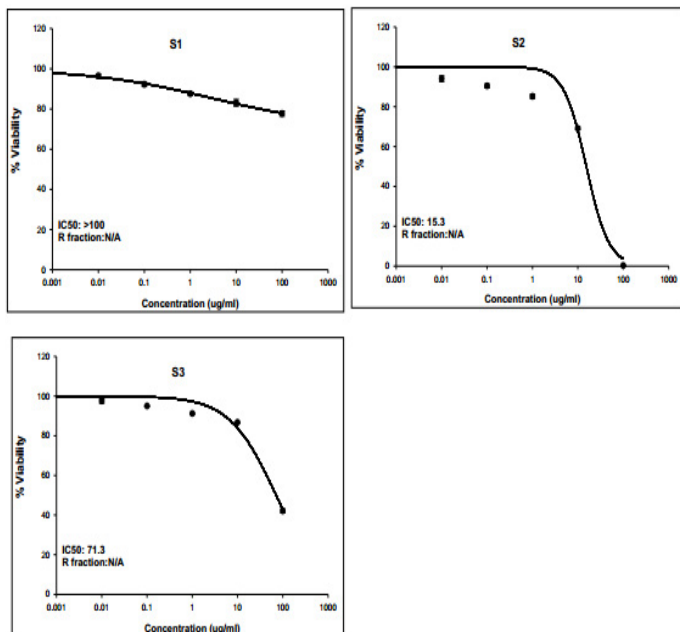
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Supplementary Figure 2: Cell cytotoxicity of cinnamon formulations against human skin cell fibroblast; S1 represents cell cytotoxicity of cinnamon 2.5% dissolved in ethyl alcohol, S2 is nanoemulsion of cinnamon, and S3 is cinnamon-sesame oil combination.

Supplementary Figure 1: Characterization of cinnamon nanoemulsion.



Supplementary Figure 3: Cell cytotoxicity of cinnamon formulations against Human epidermoid Skin carcinoma; S1 represents cell cytotoxicity of cinnamon 2.5% dissolved in ethyl alcohol, S2 is nanoemulsion of cinnamon, and S3 is cinnamon-sesame oil combination.

Supplementary Table 1: The phytochemical composition of cinnamon oil by GC-MS.

Peak	R.t*	Name	Area %	Molecular weight
1	5.20	Benzaldehyde	3.23	106
2	6.89	Benzeneacetaldehyde	0.72	120
3	12.60	Cinnamaldehyde, (E)-	63.42	132
4	15.28	2-Propenoic Acid, 3-Phenyl-, Methyl Ester	6.09	162
5	15.41	Cinnamaldehyde dimethyl, Acetal	13.16	178
6	19.29	n-Butyl cinnamate	0.63	204
7	21.48	Cinnamaldehyde, à-hexyl-	11.75	216
8	21.68	1-Hexen-3-ol, 5-nitro-1-phe-nyl-,(R*,R*)-	1.00	221

*R.t, retention time (min).