

Table S1. List of abbreviations

Sr.	Abbreviations	Full form
1	DPPH	2,2-diphenyl-1-picryl-hydrazyl-hydrate
2	ABTS	2,2'-azino-bis(3-ethylbenzothiazoline-6-sulfonic acid
3	CUPRAC	cupric reducing antioxidant capacity
4	FRAP	Ferric Reducing Antioxidant Power
5	GC-MS	Gas chromatography–mass spectrometry
6	LC-ESI-MS	Liquid Chromatography-Electrospray Ionization-Mass Spectrometry
7	ACAE	Acarbose Equivalent
8	KAE	Kojic acid Equivalent
9	TE	Trolox Equivalent
10	RT	Retention Time

Table S2. Pharmacological properties of various species of the genus *Strobilanthes*

Sr.	Specie Name	Pharmacological activity	Reference
1	<i>Strobilanthes cuspidate</i>	Anti-inflammatory, antidiabetic	[1]
2	<i>Strobilanthes cusia</i>	Antipyretic, analgesic, anti-inflammatory, antiviral, antimicrobial, meningitis, encephalitis, mumps,	[2-4]
3	<i>Strobilanthes callosus</i>	Anti-inflammatory, antibacterial, analgesic, and anti arthritic	[5-7]
4	<i>Strobilanthes ixiocephala</i>	Anti-inflammatory and anti arthritic activities	[5]
5	<i>Strobilanthes crispus</i>	Antioxidant, antidiabetic, antibacterial, anticancer, and antihyperlipidemic	[8-11]
6	<i>Strobilanthes kunthianus</i>	Antioxidant activity and hepatoprotective	[12]
7	<i>Strobilanthes glutinosus</i>	Antioxidant and antimicrobial	[13]

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