

CHEMICAL INVESTIGATION OF *SIDA ACUTA* BURM. F.

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Sida acuta Burm. f. is an ingredient in Siddha formulation indicate in rheumatism, facial paralysis, pulmonary tuberculosis, sciatica, haemorrhage, spermatorrheoa, leucorrhoea and gonorrhoea. In Ayurveda also, the drug is used as one of the varieties of Bala. The name Arivalmookuppachilai in Siddha system applies exactly to *S. acuta* only because of its leaf morphology. Chemical analysis of the whole plant led to the isolation of α -amyrin, β -sitosterol and its glucoside, n-octacosanol, dimethyl terephthalate and four alkaloids. Dimethyl terephthalate is recorded here for the first time from the genus *Sida*.

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