

ABSTRACT OF PLUMERIA IS USED AS MEDICINES FOR DIEURETIC, ANTITUMOR AND ANTIPSYCHOTIC IN SANTHAL PARGANA, JHARKHAND, INDIA

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ABSTRACT

Chemical investigation of the stem bark of *Plumeria dichotoma* afforded α -amyrin, lupeol acetate, plumericin, isoplumericin, allmandin, plumeridich acid (13-dehydroxy-15-O-demethyl allamandicin), plumerone (13-dehydroxy-15-deoxy allamandicin) and plumieride. Characterization of all these compounds was done on the basis of spectral studies.

KEYWORDS: A Number of Active Principles are Reported from Genus *Plumeria*. Various Terpenes, Iridoids, Steroids, Flavonoids etc. were Isolated and Characterized. The Genus is Reported to Exhibit Antifungal, Antiflammatory, Antileukemic, Antimicrobial, Anti-HIV, Anticancer, Algicidal, Antidermatophytic, Antifertility Activities in Male Rats and Cytotoxic Activity against Madison Lung Carcinoma. Terpenes are Found to Possess Important Antitumor Properties