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E2-22 : ALKALOIDS FROM *Cananga odorata* (ANNONACEA)

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In our search for bioactive compounds from natural sources, we are at present investigating chemically, the members of the family Annonaceae. The chemical

investigations have shown that this family produces a wide range of compounds belonging to various phytochemical groups.

It has been pointed out that for its size (over 2000 species) the Annonaceae is one of the chemically least known families and requires thorough phytochemical investigations in search of medicinally important and chemically interesting compounds.

In the present investigation, the alkaloidal fraction of the stem bark of *Cananga odorata*, yielded the alkaloids onychine, eupolauridine, cleistopholine, oxopukateine, liriodenine and a new alkaloid (1). These compounds were identfied from their spectroscopic data (IR, HMNR, MS).

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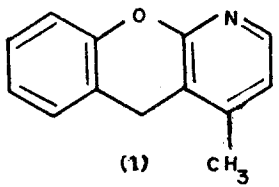

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