

**DEMETHYLACROVESTONE FROM  
ACHRONYCHIA PEDUNCULATA FRUITS**

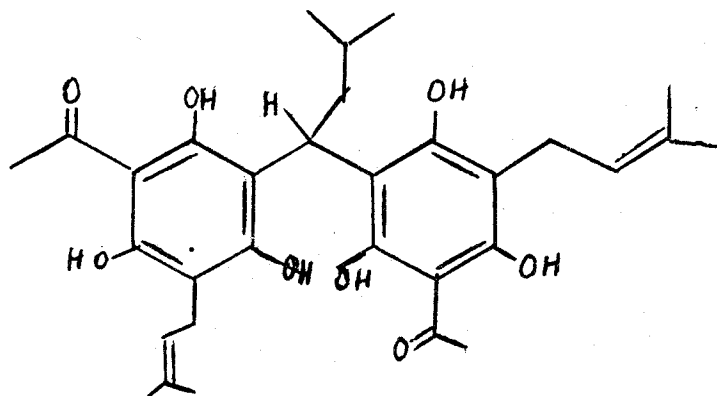
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Achronychia pedunculata (S. ANKENDA) is a small tree widely distributed in Sri Lanka. Furoquinoline alkaloids have been reported from leaves, timber and root bark (1,2.) and acrovestone bergapten, acronylin and 1 - (2'-4' dihydroxy - 3'-5'-diisopentenyl -6' methoxy phenylethanone from its root bark (2). Acronylin demethyl acronylin and acrovestone have been isolated from the stem bark of A. laurifolia (=A.pedunculata) (3-5). We now report the isolation and structural elucidation of demethylacrovestone from the fruits of A. pedunculata. Acrovestone shows significant - cytotoxicity in human KB tissue culture assays (6).

Demethyl acrovestone is presently being screened for tumour activity at the N C I Bethesda, Maryland.



DEMETHYLACROVESTONE

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