

CHEMICAL CONSTITUENTS OF *TRIPHASIA TRIFOLIATA* DC

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In a continuing search for biologically active compounds from the plant sources, particularly those belonging to the family Rutaceae, several members have been investigated. From the constituents of *Triphasia trifoliata* three coumarins have been isolated, of these, umbelliferone and isomeranzin have been characterized by comparing them with authentic specimens. The structure of the new coumarin m.p. 85^o, MW 348, has been established as 7-(2,3-dihydroxy-3,3-dimethyl propoxy)-8-(2-oxo-3,3-dimethyl propyl)-coumarin on the basis of UV, IR, NMR and MS data.