

RUTIN FROM *Hedera colchica*

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By paper chromatography in various systems, we have established the presence in the leaves of *Hedera colchica* C. Koch (Colchis ivy) of four substances of flavonoid nature. For their isolation, the raw material was extracted with methanol, the extract was evaporated, the residue was dissolved in water, and the solution was purified with chloroform. The aqueous liquid so purified was concentrated and treated with acetone. The acetone solution yielded a yellow substance with the composition $C_{27}H_{30}O_{16}$ (yield 0.6%), mp 181-184° C, $[\alpha]_D^{20} - 17^\circ$ (c 1.0; ethanol-dimethylformamide (99.7:0.3)), which, on the basis of bathochromy, its hydrolysis products, and a mixed melting point, was identified as rutin.

This is the first time that rutin has been isolated from the genus Hedera.

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