

HYPERIN AND RUTIN FROM *Onobrychis angustifolia*

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An aqueous ethanolic extract of the epigeal part of the plant *Onobrychis angustifolia* Chinth., which grows in Georgia, was purified with chloroform, and the flavonoids were extracted from it with ethyl acetate. Three flavonoids were detected in the mixture so obtained, and these were obtained in the individual state after partition chromatography on Sephadex. On the basis of a mixed melting point, IR spectra, and the products of their hydrolysis, the first substance, with mp 237-238°C, was identified as hyperin and the second with mp 184-185°C, as rutin. A quantitative determination by Horak's method showed that the content of hyperin was 0.79% and that of rutin 0.20%.

This is the first time that hyperin has been found in the genus *Onobrychis*.

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