

The Cooccurrence of Different Biflavonoid Types in *Pilotrichella flexilis*[§]

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Dedicated to Professor Hans Becker on the occasion of his 60th birthday

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Pilotrichella flexilis, 2,3,2'',3''-Tetrahydrodicranolomin, Pilotrichellaaurone

From *Pilotrichella flexilis* various flavonoids have been isolated. This species contains in contrast to *P. cuspidata* not only 3',3'''-binaringenin and related compounds, but also some hitherto unknown biflavonoids based on eriodictyol and aureusidin. The structures of two new compounds are elucidated spectroscopically. Possible causes for the differences of the flavonoid patterns between the two species of the genus *Pilotrichella* are discussed.