

Biflavones from *Chamaecyparis obtusa*

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From the leaves of *Chamaecyparis obtusa* several biflavones were isolated and identified, namely: sciadopitysin, ginkgetin, isoginkgetin, podocarpusflavone B, 7,7''-*O*-dimethylamentoflavone, bilobetin, podocarpusflavone A, and 7-*O*-methylamentoflavone. The presence of amentoflavone and hinokiflavone was also confirmed. The composition of biflavones in other *Chamaecyparis* species – *Ch. lawsoniana*, *Ch. thyoides* – and cultivar varieties – *Ch. pisifera* “Squarrosa”, *Ch. pisifera* “Boulevard” – was compared using the HPLC method. It was stated, that podocarpusflavone A and 7-*O*-methylamentoflavone in addition to amentoflavone and hinokiflavone may be classified as chemotaxonomic markers of the genus *Chamaecyparis*.

Key words: Biflavones, HPLC, *Chamaecyparis*