

Composition and Antimicrobial Activity of Essential Oil and Hexane–Ether Extract of *Tanacetum santolinoides* (DC.) Feinbr. and Fertig

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Tanacetum santolinoides, Essential Oil Composition, *n*-Hexane–Ether Extract Composition

The essential oil of the aerial parts of *Tanacetum santolinoides* was analyzed by capillary GLC and GLC-MS. Altogether 30 components were identified. The main constituents were thymol (18%), *trans*-thujone (17.5%), *trans*-chrysanthenyl acetate (13.2%), *cis*-chrysanthenyl acetate (9.2%), umbellulone (9.7%) and 1,8-cineole (4.7%). Similar essential oil pattern in addition to palmitic acid methyl ester, palmitic acid, stigmasterol, sitosterol and two flavonoidal aglycons were found in the *n*-hexane-ether extract. The oil showed strong *in vitro* activity against *E. coli*, *Bacillus subtilis* and *Candida albicans*.