

Turkish Journal of Chemistry

Turkish Journal

of

Chemistry

Synthesis and Antimicrobial Testing of Some Flavonylsulfonamide Derivatives

Gülgün AYHAN KILCIGİL, Oya BOZDAĞ DÜNDAR, Rahmiye ERTAN
Department of Pharmaceutical Chemistry, Faculty of Pharmacy,
Ankara University, 06100, Tandoğan, Ankara-TURKEY
Nurten ALTANLAR

Department of Microbiology, Faculty of Pharmacy, Ankara University,
06100, Tandoğan, Ankara-TURKEY

 [Keywords](#)
[Authors](#)

Abstract: Six new 4-amino-N-heteroaryl,N-[(2-phenyl-4H-1-benzopyran-4-oxo-6-yl)metil] benzensulfonamide derivatives, (3a-3f) were prepared by reacting 6-bromomethylflavone with the corresponding sulfonamide derivatives and their antimicrobial activities against Escherichia coli were evaluated. All of the compounds exhibited better activity (except compound 3c) than the corresponding sulfonamide derivatives.

Key Words: Flavonylsulfonamides, synthesis, antimicrobial



chem@tubitak.gov.tr

[Scientific Journals Home](#)
[Page](#)

Turk. J. Chem., **27**, (2003), 461-466.

Full text: [pdf](#)

Other articles published in the same issue: [Turk. J. Chem.,vol.27,iss.4.](#)