



Synthesis and Antifungal Evaluation of N-benzylidenebenzenesulfonamides

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Abstract: Series of N-benzylidenebenzenesulfonamides were synthesized by condensing 4-amino benzenesulfonamide with respective aryl aldehydes. The crude products were recrystallized and characterised on the basis of chemical analysis and spectral studies. The synthesized compounds were screened *in vitro* for antifungal potential against *Bipolaris sorokiniana*, *Alternaria alternata*, *Pyricularia grisea* and *Drechslera graminea*. The synthesized compounds possessed moderate to promising antifungal potential against the test fungi.

Key Words: Antifungal potential, N-benzylidenebenzenesulfonamide, Spore germination inhibition
