

Synthesis and Antifungal Activities of 2-(*N*-Arylsulfonylindol-3-yl)-3-aryl-1,3-thiazinan-4-ones

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A series of 2-(*N*-arylsulfonylindol-3-yl)-3-aryl-1,3-thiazinan-4-one derivatives were synthesized and evaluated *in vitro* against seven phytopathogenic fungi, namely *Fusarium graminearum*, *Alternaria solani*, *Fusarium oxysporium* f. sp. *vasinfectum*, *Alternaria brassicae*, *Valsa mali*, *Alternaria alternata*, and *Pyricularia oryzae*. Among all derivatives, especially compound **4j** exhibited a potential antifungal activity against four phytopathogenic fungi.

Key words: 2-(*N*-Arylsulfonylindol-3-yl)-3-aryl-1,3-thiazinan-4-ones, Antifungal Activity, Phytopathogenic Fungi