DR-49. SYNTHESIS OF A NEW CLASS OF PYRAZOLYLSULFONYL THIOPHENE CARBOXAMIDES

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Pyrazolylsulfonyl thiophenecarboxamides were prepared by 1,3-dipolar cycloaddition of ethereal diazomethane to arylethenesulfonyl thiophene-2-carboxamides followed by aromatization in the presence of chloranil in xylene. The compounds synthesized were characterized by spectral parameters.

$$Ar \xrightarrow{O} S \xrightarrow{N} R \qquad Ar \xrightarrow{O} S \xrightarrow{N} R$$