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(54) Title: SYNTHESIS OF SUBSTITUTED PYRAZOLOPYRIMIDINES

(57) Abstract: Methods of making substituted pyrazolopyrimidines generally and, more particularly, N-methyl-N-(3-{3-[2-thienylcarbonyl]-pyrazol-[1,5-α]-pyrimidin-7-yl}phenyl)acetamide. Such compounds have utility over a wide range of indications, including treatment of insomnia. In the practice of the present invention, improved techniques which do not require use and/or isolation of the pyrazole intermediate are disclosed, as well as improved techniques for making the reaction intermediates themselves. Such techniques offer significant advantages, including enhanced efficiency, particularly in the context of large scale manufacture.