Synthesis and evaluation of the trypanocydal activity of 4-alkylamino-6-nitroquinolines

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A straightforward synthesis of a group of 4-alkylamino-6-nitroquinolines starting from a common intermediate, 5,8-dimethoxy-6-nitro-4(1H)quinolone 3, is described. These compounds were tested in vitro as potential anti-trypanosomal agents. Some derivatives were found to have a significant activity, but less efficient than the control drug.