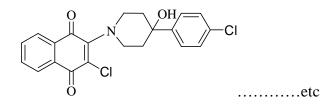
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Synthesis of novel N-substituted naphthoquinone compounds as potent antibacterial and antifungal agents

Nucleophilic addition reactions of 2,3-dichloro-1,4-naphthoquinone structure have been widely studied in synthetic chemistry because of their important biological properties. Recently, many studies have demonstrated that naphthoquinone derivatives substituted with a sulfur or nitrogen atom show a particularly marked activity against fungi. The the novel substituted 1,4-naphthoquinone compounds were characterized spectral methods such as micro analysis, FT-IR, ¹H-NMR, ¹³C-NMR, MS and CV.



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