

## Accepted Manuscript

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Mutlu Dilsiz Aytemir, Berrin Özçelik, Gülşah Karakaya

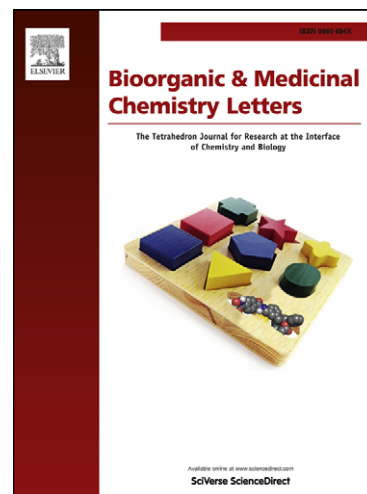
PII: S0960-894X(13)00426-5  
DOI: <http://dx.doi.org/10.1016/j.bmcl.2013.03.098>  
Reference: BMCL 20334

To appear in: *Bioorganic & Medicinal Chemistry Letters*

Received Date: 11 February 2013  
Revised Date: 22 March 2013  
Accepted Date: 23 March 2013

Please cite this article as: Aytemir, M.D., Özçelik, B., Karakaya, G., Evaluation of bioactivities of chlorokojic acid derivatives against dermatophytes couplet with cytotoxicity, *Bioorganic & Medicinal Chemistry Letters* (2013), doi: <http://dx.doi.org/10.1016/j.bmcl.2013.03.098>

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# EVALUATION OF BIOACTIVITIES OF CHLOROKOJIC ACID DERIVATIVES AGAINST DERMATOPHYTES COUPLET WITH CYTOTOXICITY

<sup>a</sup>Mutlu Dilsiz Aytemir, <sup>b</sup>Berrin Özçelik and <sup>a</sup>Gülşah Karakaya

<sup>a</sup>Dept. Pharm. Chem., Fac. Pharm., Hacettepe University, 06100, Ankara, Turkey

<sup>b</sup>Dept. Pharm. Microbiol., Fac. Pharm., Gazi University, 06330, Ankara, Turkey

## **Abstract**

In an attempt to find novel antifungal agents with improved activity, a series of compounds bearing 6-chloromethyl-3-hydroxy-2-substituted 4*H*-pyran-4-one moiety were synthesized and examined for their cytotoxic evaluation and antifungal activities against both standard and isolated dermatophytic fungal species *M. gypseum*, *T. mentagrophytes* var. *erinacei* and *E. floccosum*.

## **Keywords:**

Synthesis, Chlorokojic acid, Mannich base, Cytotoxicity, Antidermatophytic activity

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