

Cytotoxic Thiophenes from the Root of *Echinops grijisii* Hance

Peng Zhang^a, Dong Liang^b, Wenrong Jin^a, Haibin Qu^a, Yiyu Cheng^a, Xian Li^b, and Zhongjun Ma^{a,*}

^a Institute of Pharmaceutical Informatics, School of Pharmaceutical Sciences, Zhejiang University, Zijingang Campus, No. 388 Yuhangtang Rd., Hangzhou 310058, China. Fax: 86–571–88208428. E-mail: mazj@zju.edu.cn

^b Department of Natural Medicines, Shenyang Pharmaceutical University, No. 103 Wenhua Road, Shenyang 110016, China

* Author for correspondence and reprint requests

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A new thiophene, echinothiophenegenol (**1**), together with seven known thiophenes was isolated from the crude ethanol extract of roots of *Echinops grijisii* Hance. The structure of **1** was elucidated on the basis of spectroscopic data. Compounds **2** and **5**, isolated from the plant for the first time, and compounds **1–7** were tested for their cytotoxicity against two human cancer cell lines, HL60 and K562. The thiophenes showed better activity than the bithiophenes.

Key words: *Echinops grijisii* Hance, Echinothiophenegenol, Cytotoxic Activity