



 **Current Issue**

 **Browse Issues**


 **Search**



 **About this Journal**

 **Instruction to Authors**

 **Online Submission**

 **Subscription**

 **Contact Us**



 **RSS Feed**

Acta Medica Iranica

2009;47(4) : 6-8

"Essential oils of *Heracleum Persicum* Desf.ex Fischer leaves "

Mojab F, Rustaiyan AH, Jasbi AR

Abstract:

The leaves of *Heracleum persicum* Desf ex Fischer (Syn. *H. glabescens* Boiss. & Hohen, *H. prbescens* Rech.) (Fam Apiaceae) were collected in July - August 1993 from kandavan area in north of Tehran. The oil was extracted by hydrodistillation (0.13%) from leaves and was analyzed by GC, GC/CS and 1H-NMR. The major component was trans - anethole (82.8%) Other components were β - pinene, p-cymene and terpinolene (monoterpenes) , α - caryophyllene, α - bergamotene, α - farnesene, zingiberene, spathulenol (sesqiterpenes). Cis - anethole, stragole, 2,5-dimethyl styrene (aromatic compounds), and β - springene (an aliphatic and hydrocarbonic diterpene) . It is concluded that this oil is a source of trans - anethole .

Keywords:

[Heracleum persicum](#) . [Trans-anethole](#) . [\$\beta\$ -Springene](#)

TUMS ID: 1181

Full Text HTML  Full Text PDF  588 kB

top ▲

[Home](#) - [About](#) - [Contact Us](#)

TUMS E. Journals 2004-2009
[Central Library & Documents Center](#)
[Tehran University of Medical Sciences](#)

Best view with Internet Explorer 6 or Later at 1024*768 Resolutions