

3rd International Conference and Exhibition on **Traditional & Alternative Medicine**

August 03-05, 2015 Birmingham, UK

Aldose reductase inhibition of *valeriana fauriei*

Jaemin Lee¹, Sang-Won Lee², Young-Ock Kim², Chun-Geun Park², Young-Seob Ahn², Hak_Jae_Kim¹, Hak-Jae Kim³, Ik-Hyun Cho⁴ and Sanghyun Lee¹

¹Chung-Ang University, Republic of Korea

²NIHHS, RDA, Republic of Korea

³Soonchunhyang University, Republic of Korea

⁴Kyung Hee University, Republic of Korea

To evaluate therapeutic potentials of aldose reductase (AR) inhibition, the rhizomes of *Valeriana fauriei* were tested for inhibition of AR. The EtOH extracts of *V. fauriei* were exhibited AR inhibition. Additionally, the stepwise polarity fractions of *V. fauriei* were exhibited AR inhibition on rat lens. Of these, the ethyl acetate (EtOAc) fraction was showed highest AR inhibition with IC₅₀ value of 1.86 µg/ml. In this result, we demonstrate that *V. fauriei* could be a useful natural source and development of a new AR inhibitory agent against diabetic complications.

slee@cau.ac.kr

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