

## Complete Assignments of NMR Data of a single compound isolated from *Aralia continentalis*

Hojung Kim, Harim Oh, Haeyoung Lim<sup>1</sup>, Chul-Hoon Lee<sup>1</sup>, Yoongho Lim

Bio/Molecular Informatics Center, Konkuk University,

<sup>1</sup>Department of Medical Genetics & Institute of Biomedical Science,

Hanyang University College of Medicine

TEL: +82-2-2049-6106, FAX: +82-2-3437-6106

### Abstract

To discover a novel apoptotic inducer, *Aralia continentalis* was tested<sup>1</sup>). A single compound was obtained from the activity-guided fractionation using open column chromatography and prep-HPLC. Its structure determination was carried out based on NMR experiments and Mass spectrometry. The compound consists of one methyl group, seven methylene, six methine, and four quaternary carbons.

### Reference

1. Park Hi-Joon, Hong Mi-Sook, Lee Ji Suk, Leem Kang-Hyun, Kim Chang-Ju, Kim Jin-Woo, Lim Sabina, Effects of *Aralia continentalis* on hyperalgesia with peripheral inflammation. (2005), *Phytotherapy Res.* 19(6), 511-3.