

Supplementary Materials

# Inhibitory Activity of Quercetin 3-O-Arabinofuranoside and 2-Oxopomolic Acid Derived from *Malus domestica* on Soluble Epoxide Hydrolase

In Sook Cho <sup>1,†</sup>, Jang Hoon Kim <sup>2,†</sup>, Yunjia Lin <sup>3</sup>, Xiang Dong Su <sup>4</sup>, Jong Seong Kang <sup>3</sup>, Seo Young Yang <sup>3,\*</sup> and Young Ho Kim <sup>3,\*</sup>

<sup>1</sup> Department of Horticultural and Crop Environment, National Institute of Horticultural and Herbal Science, RDA, Wanju 55365, Korea; tuat@korea.kr

<sup>2</sup> Department of Herbal Crop Research, National Institute of Horticultural and Herbal Science, RDA, Eumseong 27709, Korea; oasis5325@gmail.com

<sup>3</sup> College of Pharmacy, Chungnam National University, Daejeon 34134, Korea; linyunjia1995@163.com (Y.L.); kangjss@cnu.ac.kr (J.S.K.)

<sup>4</sup> School of Pharmaceutical Sciences (Shenzhen), Sun Yat-sen University, Guangzhou 510275, China; suxd7@mail.sysu.edu.cn

\* Correspondence: syyang@cnu.ac.kr (S.Y.Y.); yhk@cnu.ac.kr (Y.H.K.). Tel.: +82-42-821-7321 (S.Y.Y.); Tel.: +82-42-821-5933 (Y.H.K.); Fax: +82-42-823-6566 (S.Y.Y. & Y.H.K.)

† These authors contributed equally to this work.

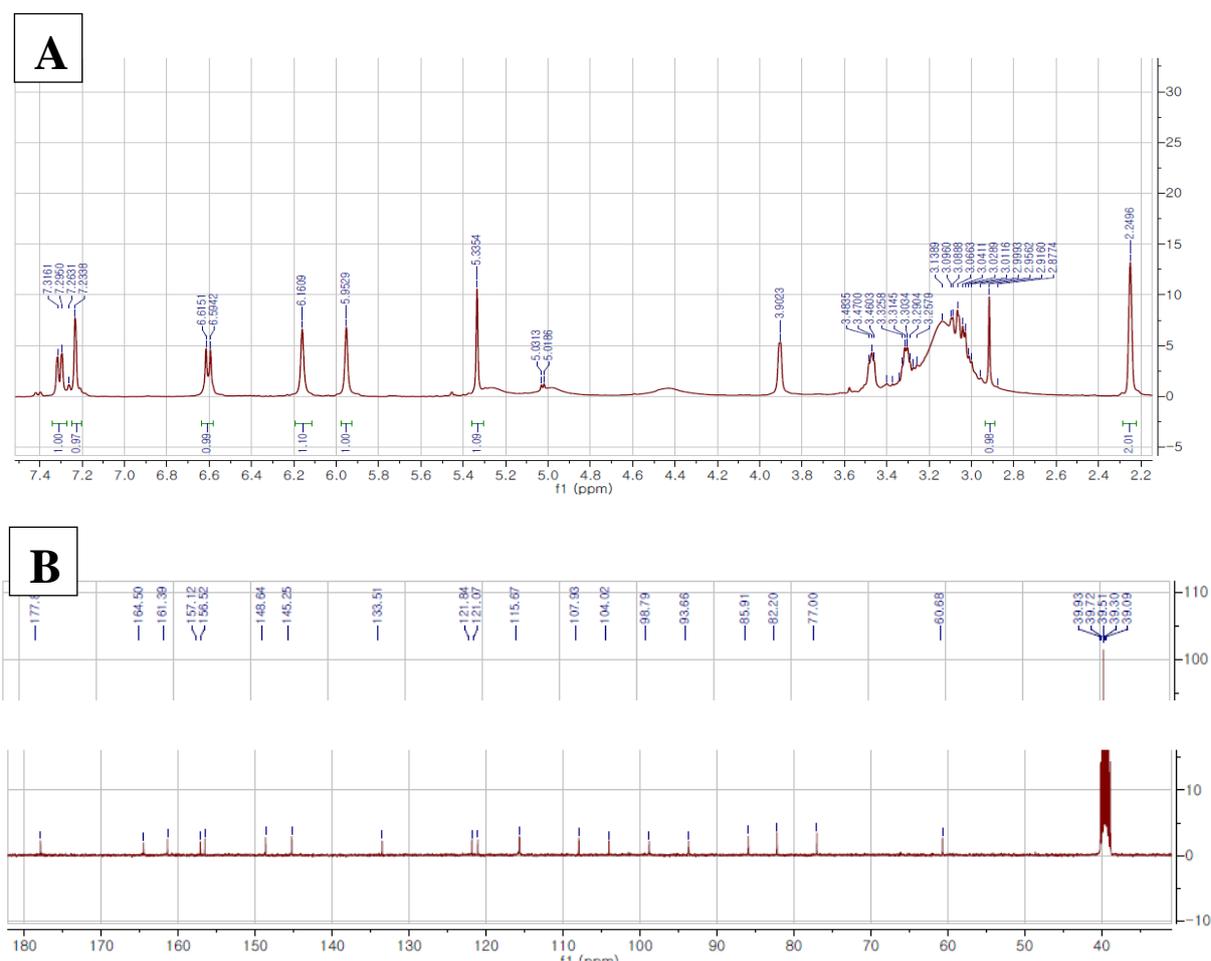


Figure S1. <sup>1</sup>H(A) /<sup>13</sup>C(B)-NMR spectra of compound 1 (DMSO-*d*<sub>6</sub>).

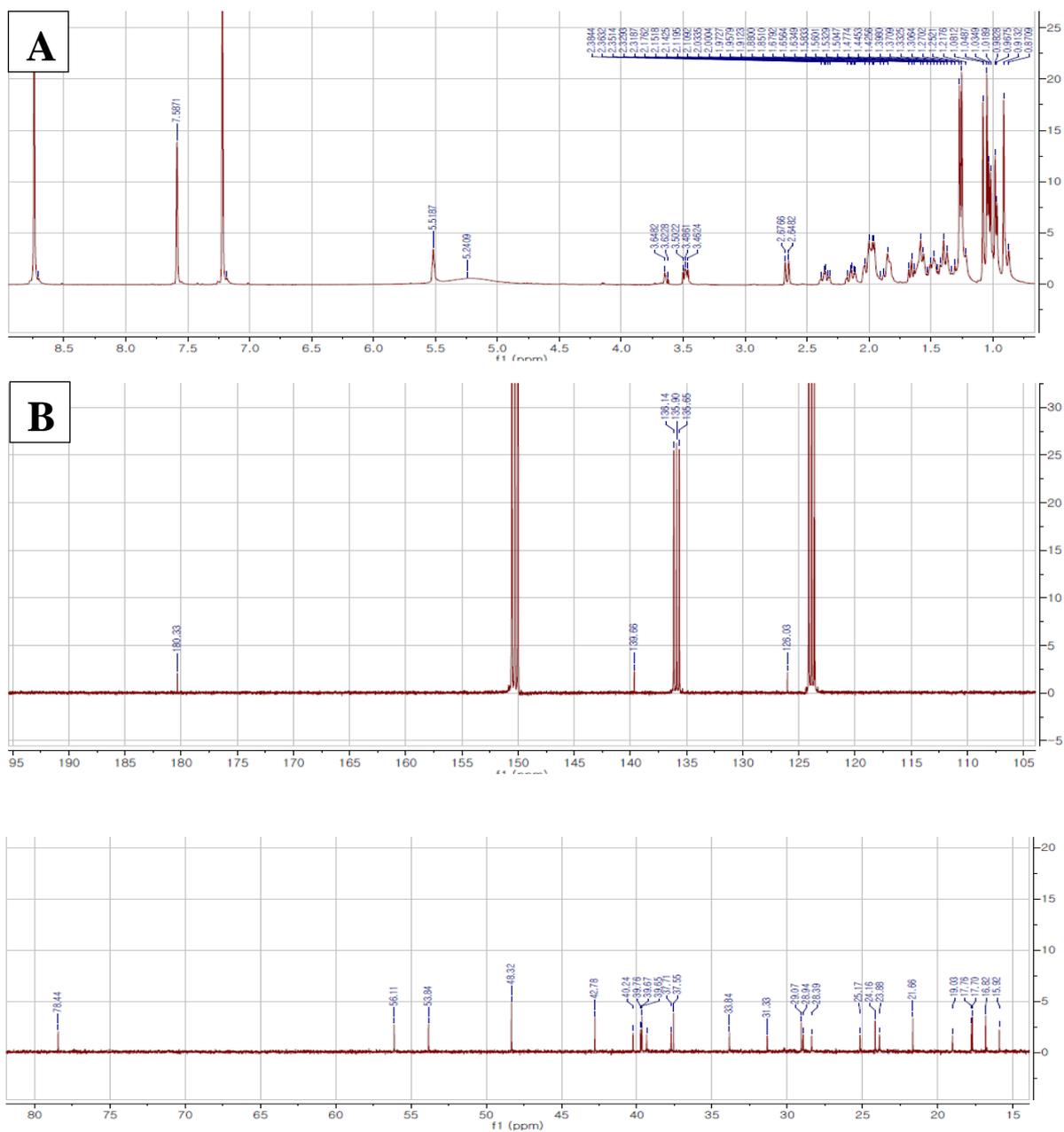
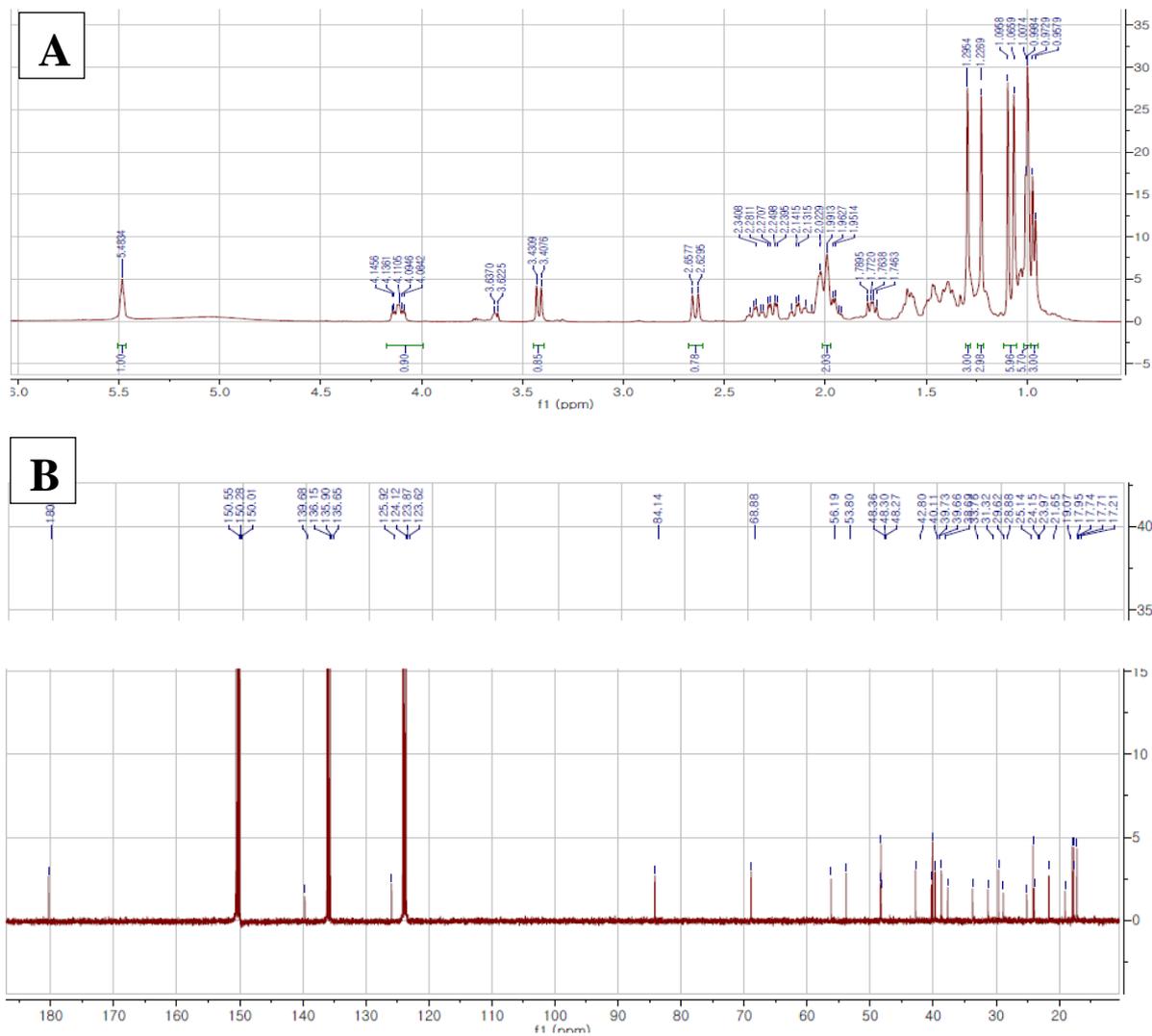
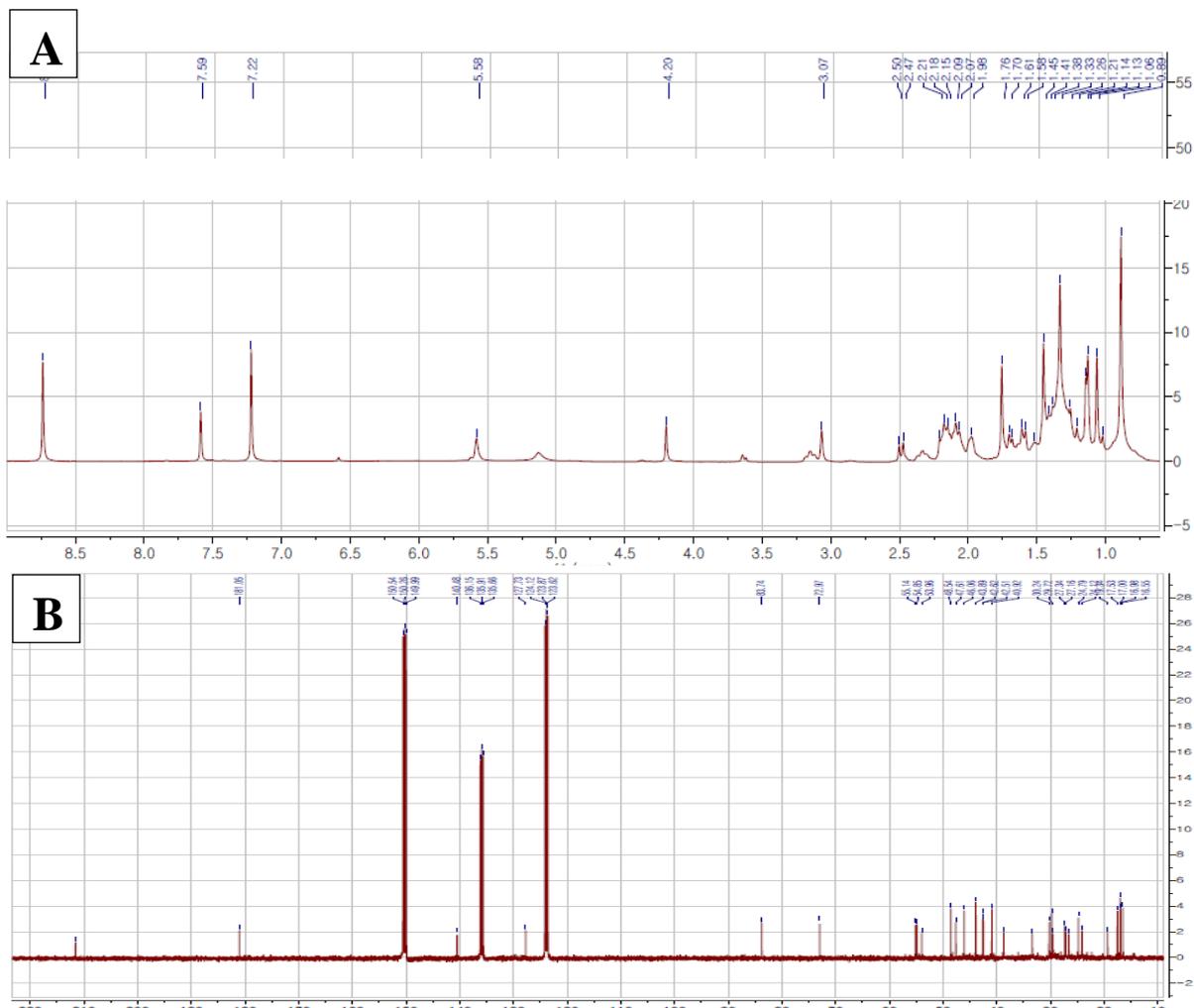


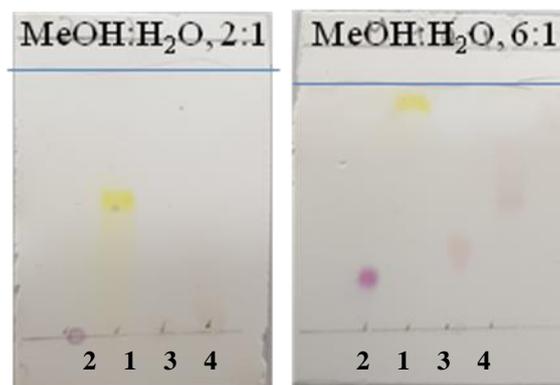
Figure S2.  $^1\text{H}$ (A) / $^{13}\text{C}$ (B)-NMR spectra of compound 2 (Pyridine- $d_5$ ).



**Figure S3.**  $^1\text{H}$ (A) and  $^{13}\text{C}$ (B)-NMR spectra of compound 3 (Pyridine- $d_5$ ).



**Figure S4.**  $^1\text{H}$ (A) and  $^{13}\text{C}$ (B)-NMR spectra of compound **4** (Pyridine- $d_5$ ).



**Figure S5.** C-18 TLC results of compounds 1-4.