

Supplemental Material-1

Sanggenons C and D as Antioxidant Diels-Alder-Type Adducts Protecting Mesenchymal Stem Cells from Oxidative Stress: Evidence of the Steric Effect

Xican Li ^{1, 2, *, †}, Zhenxing Ren ^{3, 4, †}, Zimei Wu ^{3, 4}, Zhen Fu ^{3, 4}, Hong Xie ¹, Langyu Deng ¹, Xiaohua Jiang ⁵, Dongfeng Chen ^{3, 4, *}

¹ School of Chinese Herbal Medicine, Guangzhou University of Chinese Medicine, Guangzhou 510006, China; lixc@gzucm.edu.cn (X.L.); xiehongxh1@163.com (H.X.); dly9001@qq.com (L.D.)

² Innovative Research & Development Laboratory of TCM, Guangzhou 510006, China;

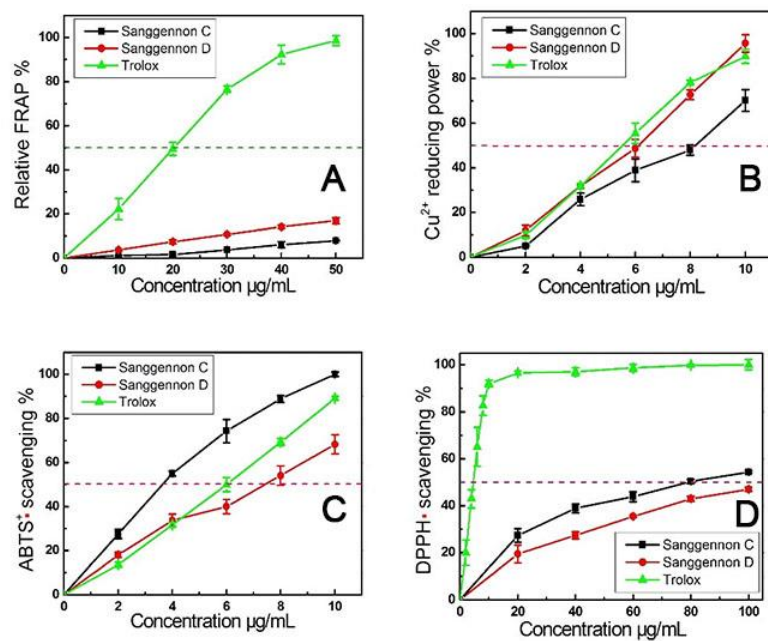
³ School of Basic Medical Science, Guangzhou University of Chinese Medicine, Guangzhou 510006, China; 251351061@qq.com (Z.R.); 1244642557@qq.com (Z.W.); fuzhen@gzucm.edu.cn (Z.F.); chen888@gzucm.edu.cn (D.C.)

⁴ The Research Center of Basic Integrative Medicine, Guangzhou University of Chinese Medicine, Guangzhou 510006, China.

⁵ School of Biomedical Sciences, Faculty of Medicine, The Chinese University of Hong Kong, Sha Tin, Hong Kong 999077, China; xjiang@cuhk.edu.hk (X.J.)

*Corresponding author. E-mail: lixc@gzucm.edu.cn (X.L.); chen888@gzucm.edu.cn (D.C.). Tel: +86-20-39358076

[†]Equal contributors



Suppl. 1 The dose-response curves of sanggenon C & D in various antioxidant assays: (A) FRAP assay; (B) Cu-reducing power assay; (C) $\text{ABTS}^{\bullet+}$ scavenging assay; (D) DPPH^{\bullet} scavenging assay. (Each value is expressed as mean \pm SD, n=3)