

Supplementary data

Design, synthesis, bioactivity evaluation and QSAR studies of novel β -carboline 1,3,4-oxadiazole derivatives

Zhi-Jun Zhang, Jing-Jing Zhang, Zhi-Yan Jiang, Guo-Hua Zhong*

Key Laboratory of Natural Pesticide and Chemical Biology, Ministry of Education, P.R. China,

Lab of Insect Toxicology, South China Agricultural University, Guangzhou, 510642, P.R. China.

*Author to whom correspondence should be addressed. E-mail: guohuazhong@scau.edu.cn

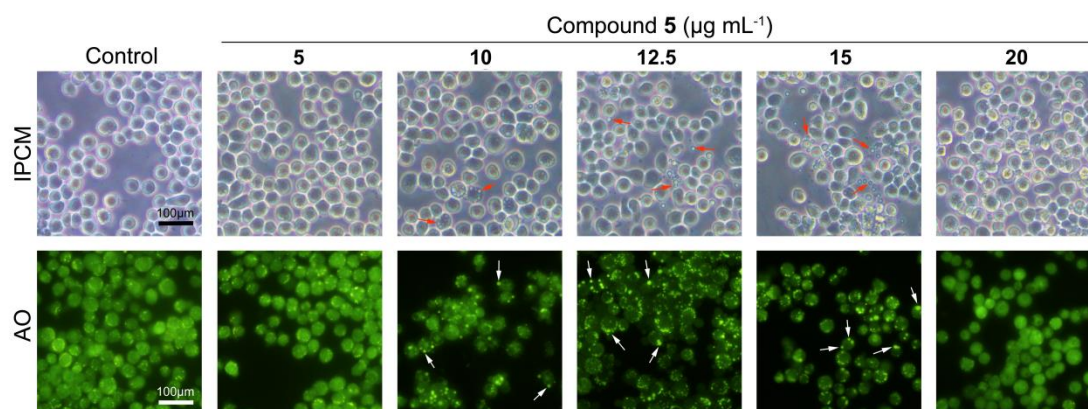


Figure S1. Representative photographs of cell morphological change induced by compound 5 at various concentrations for 24 h, respectively. IPCM: inverted phase contrast microscopy; AO: acridine orange. red and white arrow represented apoptosis bodies.

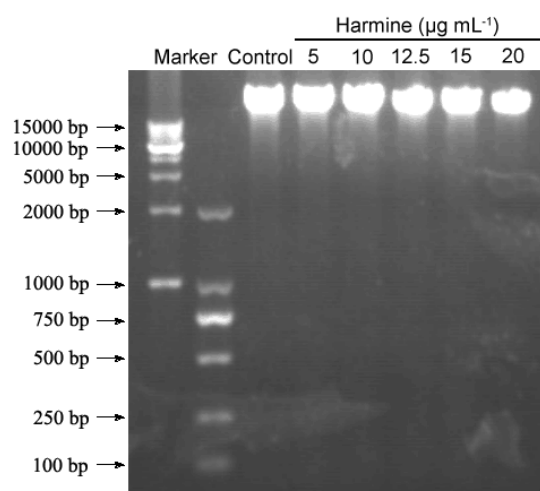


Figure S2. Agarose gel electrophoresis analysis of genomic DNA of cells treated by harmine at various concentrations.