

FigureS6Characterizationofanticanceragents

**Kevin Pollard, Victor Thompson, Rachel Clark, Derek
Singh**

Universiti Sains Malaysia

by the anti-apoptotic effect of 5-OH-D-THC. (A) The anti-apoptotic effect of 5-OH-D-THC, TNF- α , or IL-1b was measured by electrophoretic mobility staining of THP-1 cells. (B) The anti-apoptotic effect of 5-OH-D-THC, IL-1b, or IL-1b was measured by electrophoretic mobility staining of THP-1 cells. (C) The anti-apoptotic effect of 5-OH-D-THC, IL-1b, or IL-1b was measured by electrophoretic mobility staining of THP-1 cells. (D) The anti-apoptotic effect of 5-OH-D-THC, IL-1b, or IL-1b was measured by western blotting with anti-apoptotic antibody. (E) Comparison of the effect of IL-1b, 5-OH-D-THC, 5-OH-D-TNF- α , and IL-1b on THP-1 cell viability after 4 days of treatment with 5-OH-D-THC, 5-OH-D-TNF- α , or IL-1b. (F) The anti-apoptotic effect of 5-OH-D-THC, IL-1b, or IL-1b was measured by western blotting with anti-apoptotic antibody. Cancer drugs – Drug interactions – Drug interactions – See also Figure S6. ACKNOWLEDGMENTS We thank Dr. Thomas W. Shiu for assistance with the fluorescence microscopy, Dr. Brent A. Darby for help with the fluorescence microscopy, Dr. Jeffery H. Snyder for rosin dye, Y. Yu for laboratory assistance, and Dr. Julie K. Zhou for assistance with immunofluorescence microscopy. We are grateful to Dr. J. Gregory W. Murphy for helpful discussions with us on the use of an inhibitor of metalloproteinase-2 in response to IL-1b. References 1. Datta S, Chubb DA, Jarnesen G, Falkow M, Laporte D, et al. (2009) Antibodies to IL-1b in the bone marrow: a strategy for tumorigenesis and bone marrow metastasis. *J Bone Miner Res* 2. Datta S, Laporte D, Falkow M, Falkow M, et al. (2012) IL-1b signaling pathway in bone marrow metastasis: a novel strat-

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