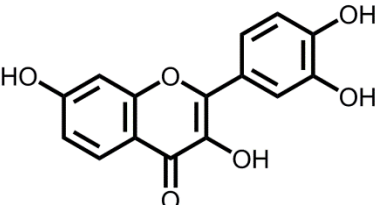
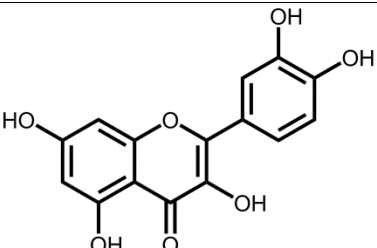
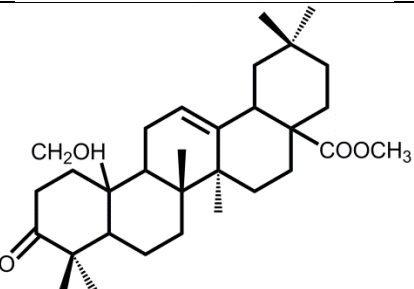
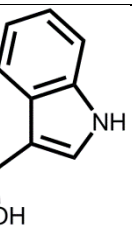
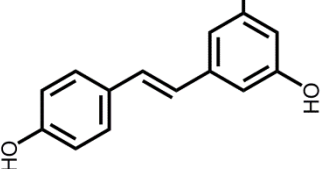
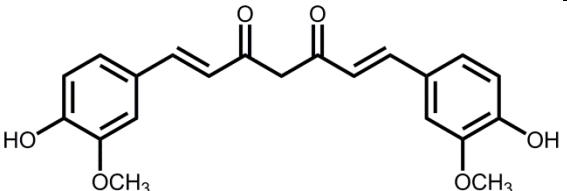
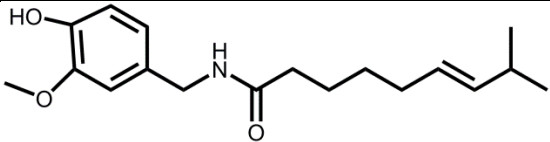
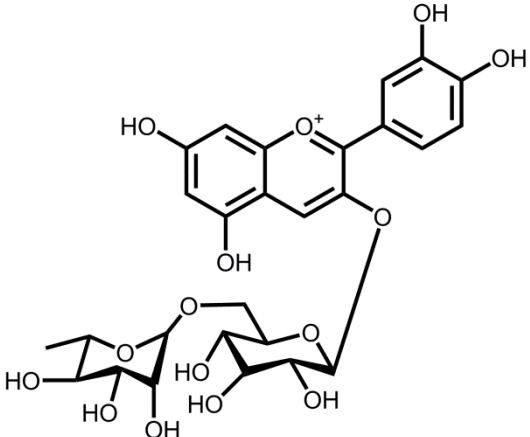
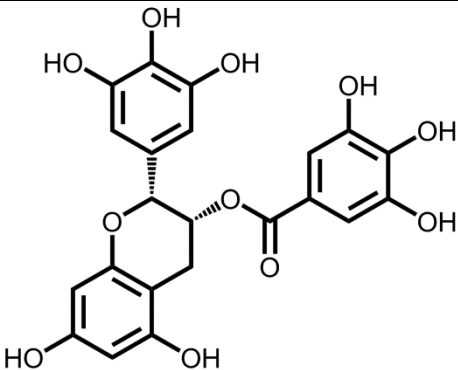
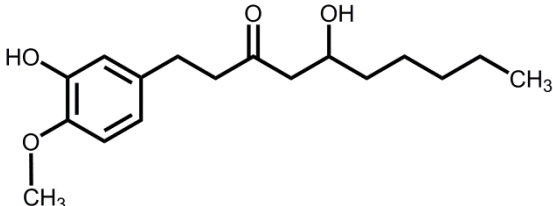


## Supporting Information

**Table SI-1.** Molecular structures and potential sources of ten phytochemicals used in this study. Structures were drawn using ChemDraw software.

Compound	Source	Molecular Structure	Provider
Fisetin	Berries and plants		Sigma-Aldrich
Quercetin	Grapes		Enzo Life Sciences
Methyl amooranin	<i>Amoora rohituka</i> stem bark		In-house synthesis [1]
Indole-3-carbinol	Cruciferous vegetables		Sigma-Aldrich
Resveratrol	Grapes/berries		Pharmascience Inc.
Curcumin	Tumeric		Enzo Life Sciences

Capsaicin	Capsicum plants		Enzo Life Sciences
Black currant extract	Black currant skin		In-house synthesis [2]
Epigallocatechin gallate (EGCG)	Green tea		Enzo Life Sciences
6-Gingerol	Ginger		Enzo Life Sciences

[1] A. Bishayee, A. Mandal, R. J. Thoppil, A. S. Darvesh, D. Bhatia, "Chemopreventive effect of a novel oleanane triterpenoid in a chemically induced rodent model of breast cancer" *Int J Cancer* (2013) 133, 1045-1063.

[2] A. Bishayee, E. Háznagy-Radnai, T. Mbimba, P. Sipos, P. Morazzoni, A. S. Darvesh, D. Bhatia, J. Hohmann, "Anthocyanin-rich black currant extract suppresses the growth of human hepatocellular carcinoma cells" *Nat Prod Commun* (2011) 10, 1613-1618.