

# Natural Anti-Cancer Compounds

Natural compounds have been important sources for therapeutic drugs and for the discovery of novel targets involved in cancer. Naturally-derived drugs are favoured over synthetic drugs, due to better absorption and metabolism in the body and fewer side effects. Natural products have several mechanisms of anti-cancer activity, mediated by their antioxidative properties, anti-inflammatory actions, ability to induce DNA damage and apoptosis.



Code	Product	Activity	Quantity	Price (\$)
FT28329	<b>Topotecan HCl</b>	DNA topoisomerase I inhibitor; water-soluble analog of camptothecin	10 mg	55.00
BI164583	<b>Irinotecan HCl</b>	DNA topoisomerase I inhibitor; prodrug of SN 38	25 mg	54.00
FC15450	<b>(S)-(+)-Camptothecin</b>	DNA topoisomerase I inhibitor; pro-apoptotic	5 g	70.00
AD15377	<b>Doxorubicin HCl</b>	DNA topoisomerase II inhibitor; pro-apoptotic; antibiotic	100 mg	55.00
FV28694	<b>Vinblastine sulfate</b>	Disrupts microtubule assembly; anti-cancer agent	50 mg	62.00
FP10637	<b>Paclitaxel</b>	Microtubule-disrupting agent; pro-apoptotic	100 mg	80.00
MG33283	<b>Ginsenoside C-K</b>	Inhibitor of CYP2C9 and CYP2A6 enzymes; anti-inflammatory; anti-angiogenic	2 mg	52.00
FN01176	<b>(±)-Naringenin</b>	Inhibitor of CYP3A4 and Shad 3 transcription; anti-oxidant	25 g	50.00
OS65589	<b>Solasonine</b>	Membrane-disrupting agent; cytotoxic	1 mg	50.00
OS65545	<b>α-Solamargine</b>	Membrane-disrupting agent; cytotoxic	1 mg	75.00
AD20776	<b>Dactinomycin</b>	Inhibitor of DNA-primed RNA synthesis; antibiotic	5 mg	65.00
AM34906	<b>Mithramycin A</b>	Inhibitor of RNA synthesis; antibiotic	2 mg	65.00
AB15942	<b>Bleomycin sulfate</b>	Glycopeptide antibiotic; induces DNA strand breaks	10 mg	55.00
FC41666	<b>Carnosol</b>	Targets PI3K and NFκB; anti-inflammatory; antioxidant	5 mg	50.00
FQ32160	<b>Quercetin</b>	Mitochondrial ATPase and phosphodiesterase inhibitor; pro-apoptotic; anti-oxidant	100 g	55.00
FG09961	<b>Genisteine</b>	Inhibitor of protein tyrosine kinases; anti-angiogenic	5 g	100.00
FR09412	<b>Resveratrol</b>	COX-1 inhibitor; SIRT1 activator; neuroprotective; anti-diabetic; anti-adipogenic	50 g	60.00
FR02310	<b>Rosmarinic acid</b>	Anti-oxidant; anti-inflammatory; anti-microbial	2 g	50.00
OS65883	<b>Solanin D</b>	Cholinesterase inhibitor	5 mg	50.00
OS73940	<b>Solasodine</b>	Immunomodulatory; cytotoxic	10 mg	75.00
AV28661	<b>Valrubicin</b>	Chemotherapy for bladder cancer; semi-synthetic analog of doxorubicin	1 mg	50.00
FA16099	<b>Apigenin</b>	Casein kinase II inhibitor; antioxidant; anti-inflammatory	10 g	60.00