

<u>Drug Name</u>	<u>Abbreviation</u>	<u>Vehicle</u>	<u>Mechanistic class</u>	<u>Mechanism of action</u>	<u>Dose 1 (mM)</u>	<u>Dose 2 (mM)</u>	<u>Dose 3 (mM)</u>	<u>Dose 4 (mM)</u>
Cladribine	Clad	0.1% DMSO	Purine analog	Ribonucleotide reductase inhibitor	6.40E-04	1.60E-03	4.00E-03	1.00E-02
Fludarabine	Flud	0.1% DMSO	Purine analog	Ribonucleotide reductase inhibitor	6.40E-03	1.60E-02	4.00E-02	1.00E-01
Gemcitabine	Gem	0.1% DMSO	Pyrimidine analog	Ribonucleotide reductase inhibitor	2.50E-06	5.00E-06	1.00E-05	2.00E-05
Azacitidine	Aza	0.1% DMSO	Pyrimidine analog	Ribonucleotide reductase inhibitor	4.38E-03	1.09E-02	2.73E-02	6.84E-02
Cytarabine	Cytar	H2O	Pyrimidine analog	Ribonucleotide reductase inhibitor	1.17E-04	4.08E-04	1.43E-03	5.00E-03
5-Fluorouracil	5FU	0.1% DMSO	Pyrimidine analog	Thymidylate synthase inhibitor	1.10E-03	4.94E-03	2.22E-02	1.00E-01
Floxuridine	Flox	0.1% DMSO	Pyrimidine analog	Thymidylate synthase inhibitor	2.33E-03	8.16E-03	2.86E-02	1.00E-01
Epirubicin	Epi	H2O	Anthracyclines	DNA intercalators and topoisomerase 2 inhibitors	6.30E-06	2.50E-05	1.00E-04	4.00E-04
Doxorubicin	Dox	H2O	Anthracyclines	DNA intercalators and topoisomerase 2 inhibitors	6.00E-06	1.30E-05	2.50E-05	5.00E-05
Daurorubicin	Daun	H2O	Anthracyclines	DNA intercalators and topoisomerase 2 inhibitors	1.25E-05	2.50E-05	5.00E-05	1.00E-04
Idarubicin	Ida	H2O	Anthracyclines	DNA intercalators and topoisomerase 2 inhibitors	5.00E-06	1.23E-05	2.78E-05	6.25E-05
Mitoxantrone	Mitox	0.1% DMSO	Anthracenedione	DNA intercalators and topoisomerase 2 inhibitors	3.70E-06	1.11E-05	3.33E-05	1.00E-04
Vincristine	Vinc	0.1% DMSO	Vinca alkaloid	DNA intercalators and topoisomerase 2 inhibitors	1.25E-05	2.50E-05	5.00E-05	1.00E-04
Vinorelbine	Vino	H2O	Vinca alkaloid	Microtubule destabilizers	5.93E-05	8.89E-05	1.33E-04	2.00E-04
Vinblastine	Vinb	H2O	Vinca alkaloid	Microtubule destabilizers	5.00E-06	1.00E-05	2.00E-05	4.00E-05
Docetaxel	Doc	0.1% DMSO	Taxane	Microtubule stabilizers	1.28E-05	3.20E-05	8.00E-05	2.00E-04
Paclitaxel	Pac	1% DMSO	Taxane	Microtubule stabilizers	1.85E-05	5.56E-05	1.67E-04	5.00E-04
Oxaliplatin	Oxal	1% DMSO	Platinum analog	DNA crosslinkers	3.70E-03	1.11E-02	3.33E-02	1.00E-01
Carboplatin	Carbo	H2O	Platinum analog	DNA crosslinkers	1.28E-03	3.20E-03	8.00E-03	2.00E-02
Etoposide	Etop	0.1% DMSO	Epipodophylotoxin	Topoisomerase 2 inhibitors	1.17E-04	4.08E-04	1.43E-03	5.00E-03
Teniposide	Teni	0.1% DMSO	Epipodophylotoxin	Topoisomerase 2 inhibitors	2.56E-04	6.40E-04	1.60E-03	4.00E-03
Arsenic trioxide	Arsen	H2O	Arsenate	Other	2.96E-02	4.44E-02	6.67E-02	1.00E-01
Bleomycin	Bleo	1% DMSO	Streptomyces	Other	8.00E-05	4.00E-04	2.00E-03	1.00E-02
Busulfan	Busulf	H2O	Alkyl sulfonate	Other	1.25E-02	2.50E-02	5.00E-02	1.00E-01
Hydroxyurea	Hydrox	H2O	Deoxyribonucleotide	Other	3.75E-02	7.50E-02	1.50E-01	3.00E-01
Mitomycin	Mitom	0.1% DMSO	Streptomyces	Other	1.11E-05	3.33E-05	1.00E-04	3.00E-04
Rapamycin	Rapa	1% DMSO	mTOR inhibitor	Other	1.00E-06	1.00E-05	1.00E-04	1.00E-03
Temozolomide	Temo	1% DMSO	Tiazenes	Other	1.25E-01	2.50E-01	5.00E-01	1.00E+00
Topotecan	Topo	0.1% DMSO	Camptothecin	Other	3.00E-06	6.00E-06	1.40E-05	3.00E-05