**Suppl. Table 3.** Concentrations of docetaxel, paclitaxel, vinblastine, vinflunine, cabazitaxel, larotaxel, doxorubicin, methotrexate, and gemcitabine that reduce T24, T24rGEMCI20, T24rVBL20, T24CER2, and T24ABCB1 cell viability by 50% (IC50).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Zosuquidar | Docetaxel | Paclitaxel | Vinblastine | Vinflunine |
| Cell line | 1.25 µM | IC50 (ng/mL) | IC50 (ng/mL) | IC50 (ng/mL) | IC50 (ng/mL) |
| T24 | - | 0.48 ± 0.16 | 2.20 ± 0.71 | 0.77 ± 0.34 | 12.57 ± 2.14 |
| T24 | + | 0.47 ± 0.19(1.02)\* | 2.19 ± 0.69(1.00) | 0.77 ± 0.38(1.00) | 12.53 ± 1.85(1.00) |
| T24rGEMCI20 | - | 0.89 ± 0.08 | 3.37 ± 0.81 | 1.16 ± 0.68 | 7.91 ± 2.21 |
| T24rGEMCI20 | + | 0.50 ± 0.04(1.78) | 1.44 ± 0.37(2.34) | 0.82 ± 0.56(1.41) | 7.77 ± 1.35(1.02) |
| T24rVBL20 | - | 47.29 ± 1.39 | 372.81 ± 44.33 | 74.70 ± 6.19 | 881.67 ± 17.43 |
| T24rVBL20 | + | 0.39 ± 0.12(121.25) | 2.28 ± 0.40(163.51) | 4.30 ± 1.49(17.37) | 15.97 ± 1.72(55.20) |
| T24CER2 | - | 1.14 ± 0.21 | 5.68 ± 0.80 | 1.14 ± 0.10 | 30.96 ± 8.82 |
| T24CER2 | + | 1.11 ± 0.21(1.02) | 4.90 ± 0.43(1.15) | 1.07 ± 0.11(1.06) | 19.83 ± 12.11(1.56) |
| T24ABCB1 | - | 43.95 ± 0.48 | 223.99 ± 49.57 | 17.48 ± 9.25 | 263.02 ± 104.86 |
| T24ABCB1 | + | 0.90 ± 0.45(48.83) | 4.42 ± 1.25(50.67) | 1.10 ± 0.26(15.89) | 24.87 ± 6.52(10.57) |

\*Resistance factor: IC50 of tested cell line (w/o zosuquidar)/ IC50 of tested cell line (+ 1.25µM zosuquidar). Values are means ± SD.

**Suppl. Table 3.** **(continued)** Concentrations of docetaxel, paclitaxel, vinblastine, vinflunine, cabazitaxel, larotaxel, doxorubicin, methotrexate, and gemcitabine that reduce T24, T24rGEMCI20, T24rVBL20, T24CER2, and T24ABCB1 cell viability by 50% (IC50).

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Zosuquidar | Cabazitaxel | Larotaxel | Doxorubicin | Methotrexate | Gemcitabine |
| Cell line | 1.25 µM | IC50 (ng/mL) | IC50 (ng/mL) | IC50 (ng/mL) | IC50 (ng/mL) | IC50 (ng/mL) |
| T24 | - | 0.69 ± 0.40 | 1.22 ± 0.55 | 6.89 ± 1.09 | 13.19 ± 1.75 | 2.00 ± 0.35 |
| T24 | + | 0.65 ± 0.42(1.06)\* | 1.21 ± 0.55(1.00) | 6.19 ± 1.25(1.11) | 12.47 ± 1.36(1.05) | 2.24 ± 0.32(0.89) |
| T24rGEMCI20 | - | 0.59 ± 0.02 | 0.90 ± 0.18 | 14.61 ± 5.63 | 4.28 ± 0.78 | 24.30 ± 1.19 |
| T24rGEMCI20 | + | 0.58 ± 0.03(1.01) | 0.91 ± 0.10(0.98) | 10.69 ± 4.10(1.36) | 3.92 ± 0.50(1.09) | 33.61 ± 2.91(0.72) |
| T24rVBL20 | - | 3.07 ± 0.97 | 3.87 ± 1.88 | 110.23 ± 26.75 | 16.34 ± 1.96 | 0.96 ± 0.03 |
| T24rVBL20 | + | 0.37 ± 0.05(8.29) | 1.01 ± 0.33(3.83) | 8.26 ± 1.24(13.34) | 16.08 ± 1.56(1.01) | 1.32 ± 0.16(0.72) |
| T24CER2 | - | 1.56 ± 0.40 | 2.90 ± 0.45 | 9.89 ± 0.61 | 13.08 ± 0.98 | 5.01 ± 0.48 |
| T24CER2 | + | 1.45 ± 0.45(1.07) | 2.74 ± 0.47(1.05) | 9.95 ± 1.24(0.99) | 13.07 ± 1.74(1.00) | 5.46 ± 0.34(0.96) |
| T24ABCB1 | - | 3.53 ± 1.08 | 4.60 ± 0.65 | 146.86 ± 59.11 | 10.81 ± 0.84 | 5.09 ± 0.40 |
| T24ABCB1 | + | 1.02 ± 0.14(3.46) | 2.33 ± 0.26(1.97) | 8.65 ± 0.86(16.98) | 10.51 ± 0.76(1.02) | 5.04 ± 0.93(1.00) |

\*Resistance factor: IC50 of tested cell line (w/o zosuquidar)/ IC50 of tested cell line (+ 1.25µM zosuquidar). Values are means ± SD.