

Supplementary Data for:

The Multidrug Resistance Transporter P-glycoprotein Confers Resistance to Ferroptosis Inducers

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Supplementary Table 1. Cross resistance profile of OVCAR8 and NCI/ADR-RES cells with ferroptosis inducers

Compound	n	OVCAR8 GI ₅₀	NCI ADR RES GI ₅₀	OVCAR8 + Inhibitor GI ₅₀	NCI ADR RES + Inhibitor GI ₅₀
Erastin	3	2.13±1.2	1.94±1.2	NA	NA
Erastin2	3	0.136±0.12	0.144±0.085	NA	NA
Imidazole Ketone Erastin	3	0.361±0.19	84.6±1.7	0.301±0.082	0.545±0.30
Piperazine Erastin	3	1.92±0.90	34.6±10	3.07±0.066	3.72±0.18
Fin56	3	0.527±0.34	51.4±23	0.977±0.63	0.320±0.25
JKE-1674	3	1.25±0.73	0.85±0.44	NA	NA
RSL3	3	0.0760±0.044	0.0580±0.017	NA	NA
Fin02	3	1.54±0.62	0.88±0.13	NA	NA
PACMA31	3	0.556±0.68	0.776±0.81	NA	NA
ML-210	3	0.177±0.087	0.108±0.029	NA	NA
GPX4 Inhib 26a	3	0.192±0.13	0.151±0.085	NA	NA
ML-162	3	0.202±0.038	0.175±0.093	NA	NA
JKE-1716	3	10.6±5.9	8.37±.93	NA	NA

Results presented are mean GI₅₀ values +/- SEM. Three independent experiments were performed. Concentrations are in μ M.

Supplementary Table 2. Cross resistance profile of UO-31 cells and *ABCB1*-knockout clones

Compound	n	UO31	UO31 B11	UO31 IF4
Erastin (μM)	3	0.334 \pm 0.06	0.614 \pm 0.0050	0.552 \pm 0.10
Romidepsin (ng/ml)	3	41.5 \pm 8.07	2.77 \pm 1.16	3.01 \pm 0.91
Imidazole Ketone Erastin (μM)	3	2.40 \pm 0.14	0.617 \pm 0.05	0.563 \pm 0.01
Piperazine Erastin (μM)	3	5.57 \pm 0.93	1.83 \pm 0.31	2.09 \pm 0.14

Results presented are mean GI₅₀ values +/- SEM. Three independent experiments were performed. Concentrations are in μM .

Supplementary Table 3. UO-31 Cells with and without P-gp inhibitor valsopodar

Drug	n	UO31	UO31 + Valsopodar
Imidazole Ketone Erastin	3	1.87 \pm 0.055	0.289 \pm 0.0090
Piperazine Erastin	3	3.06 \pm 0.10	.97 \pm 0.0095

Results presented are mean GI₅₀ values +/- SEM. Three independent experiments were performed. Concentrations are in μM .

Supplementary Figure 1. UO-31 Cells with and without the P-gp inhibitor valsopodar

