

**Supplementary Tables 2.** Relative quantification of phosphoprotein levels in Figure 3

Quantification of **phosphoprotein/actin** in MGCD0103-treated cells relatively to the control in **Figure 3a**

Treatment duration	p-AKT(S473)/Actin	p-MTOR/Actin	p-EIF4EBP1 (Thr37/46)/Actin
2h	1.74	1.00	1.38
4h	1.16	1.23	0.66
6h	0.93	1.29	0.29
21h	0.29	0.93	0.45
32h	0.02	0.21	0.02

Quantification of **phosphoprotein/total protein** in MGCD0103-treated cells relatively to the control in **Figure 3a**

Treatment duration	p-AKT(S473)/AKT	p-MTOR/MTOR	p-EIF4EBP1 (Thr37/46)/EIF4EBP1
2h	1.73	1.00	1.05
4h	1.29	1.56	0.63
6h	1.24	1.56	0.41
21h	0.31	1.11	0.48
32h	0.06	0.34	0.09

Quantification of **phosphoprotein/actin** in MGCD0103-treated cells relatively to the control in **Figure 3b**

MGCD0103 concentration	p-AKT(Thr308)/Actin	p-AKT(S473)/Actin	p-MTOR/Actin	p-EIF4EBP1 (Thr37/46)/Actin
0.5 uM	1.67	0.87	1.42	3.22
3 uM	0.32	0.49	0.93	0.77

Quantification of **phosphoprotein/total protein** in MGCD0103-treated cells relatively to the control in **Figure 3b**

MGCD0103 concentration	p-AKT(Thr308)/AKT	p-AKT(S473)/AKT	p-MTOR/MTOR	p-EIF4EBP1 (Thr37/46)/EIF4EBP1
0.5 uM	1.88	0.98	1.63	4.39
3 uM	0.63	0.95	1.48	1.08