

**Supplementary Table S1.** IR pathway inhibitors

<b>Name</b>	<b>Concentration</b>	<b>Targets</b>	<b>Maximal Effects</b>	<b>Reference</b>
IR knock down	5.5 - 50 nM	IR	5-fold increase	
AGL2263	0.1 - 25 $\mu$ M	IR/IGF-1R	No change	1
Rapamycin	0.125 - 2 $\mu$ M	mTOR	50% decrease	2, 3
LY294002	10 $\mu$ M	P13K	20% decrease	4
PD9859	10 $\mu$ M	MEK1	10% decrease	5
LY + PD	10 $\mu$ M + 10 $\mu$ M	P13K/MEK1	10% decrease	4, 5

Summary of the results of SS1P toxicity after IR knock down or addition of inhibitors in KB31 cells. The IR was knocked down for 48 hours; the inhibitors were added 1 hour before the SS1P was added. The maximal effect on the viability of cells treated with SS1P are compared to controls without SS1P treatment.