

Additional File 3 – Calculation of the median-effect dose. The median-effect dose (ED50) of temozolomide (TMZ) and the sphingosine kinase inhibitor SKI-II was calculated in NCH82 cells at normoxia (21% O₂) and hypoxia (3% O₂) for 5 days using the median-effect analysis program CompuSyn (Nick Martin, MIT, Cambridge, MA, 2005).

Compound	Concentration range (μM)	21% O ₂			3% O ₂		
		ED50 (μM)	<i>m</i>	<i>r</i>	ED50 (μM)	<i>m</i>	<i>r</i>
TMZ	2.5 - 640	95.67	-0.358	-0.994	427.95	-0.376	-0.976
SKI-II	0.156 - 10	1.33	-0.887	-0.992	1.36	-0.934	-0.992

