Supplementary Table S1

Table S1. NWL283 is a selective covalent inhibitor of caspase-3/7. NWL283 has a half maximal inhibitory concentration (IC_{50}) of 8 nM against caspase-3 and 21 nM against caspase-7, with minimal inhibition against other caspases.

Caspase	1	2	3	4	5	6	7	8	9	10
Enzymatic IC50 (nM)	290	> 10000	**8**	27000	> 10000	535	**21**	2800	41000	> 10000

Supplementary Figure S1

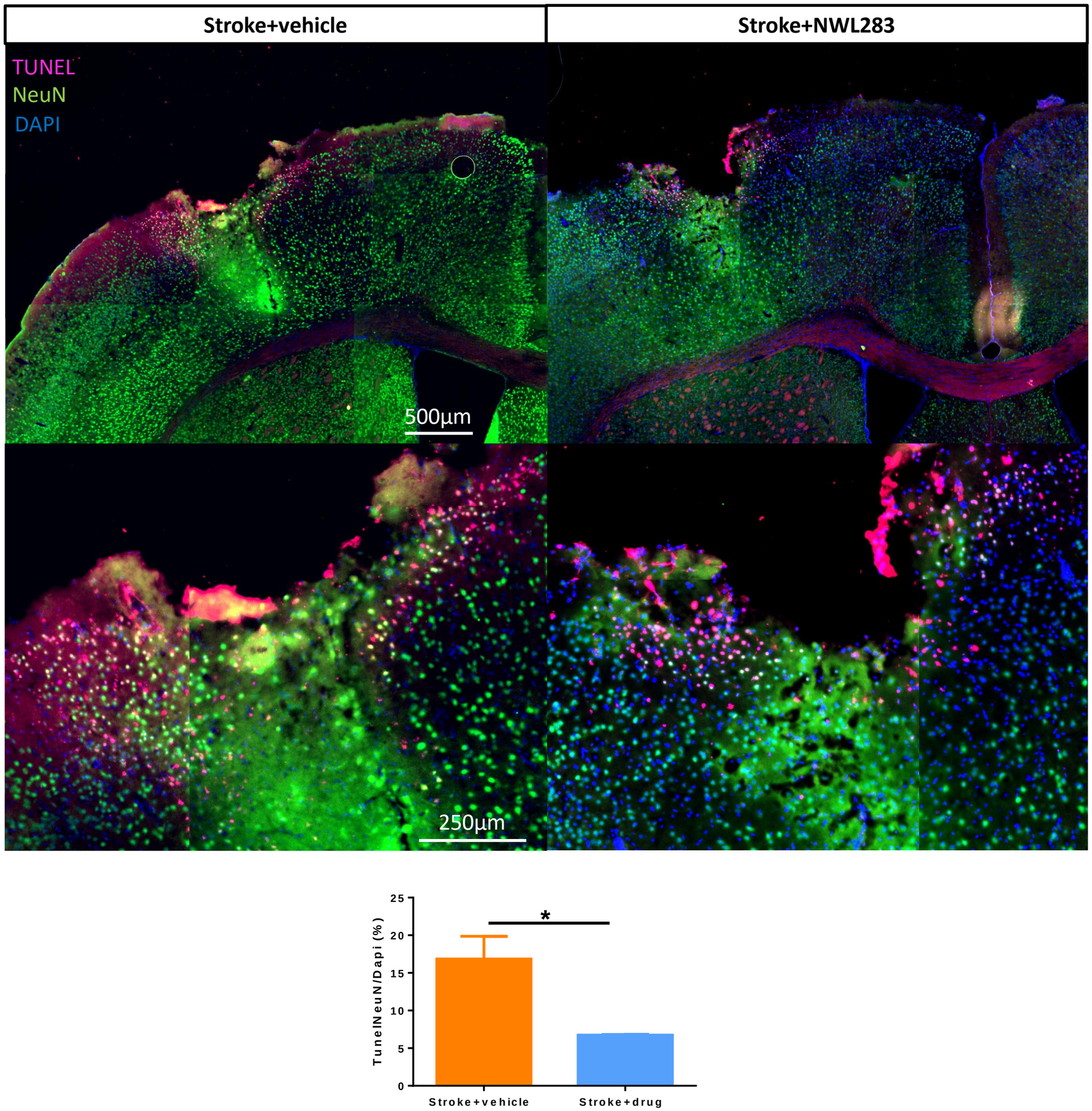

Figure S1. NWL283 administration leads to reduced TUNEL+NeuN+ cells. p=0.036, Student's T-test. *p<0.05, Student's T-test. n=3 per group; mean+SEM.

Supplementary Figure S2

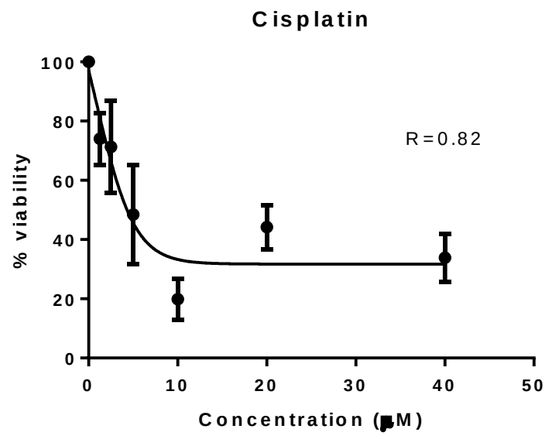

Figure S2. NPCs show a cisplatin dose dependent cell death, reaching a plateau at 20µM cisplatin concentration. *n*=3; mean±SEM.

Supplementary Figure S3

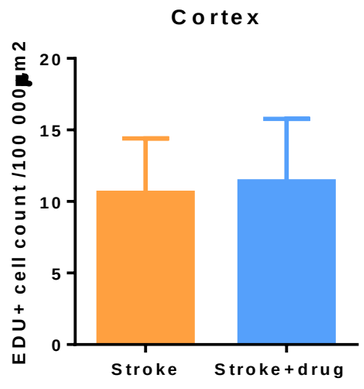

Figure S3. The number of EDU+ cells was not different within the cortex of stroke+vehicle and stroke+NWL283 mice. *p*=0.89, Student's T-test. *n*=3-4; mean±SEM.

Supplementary Figure S4

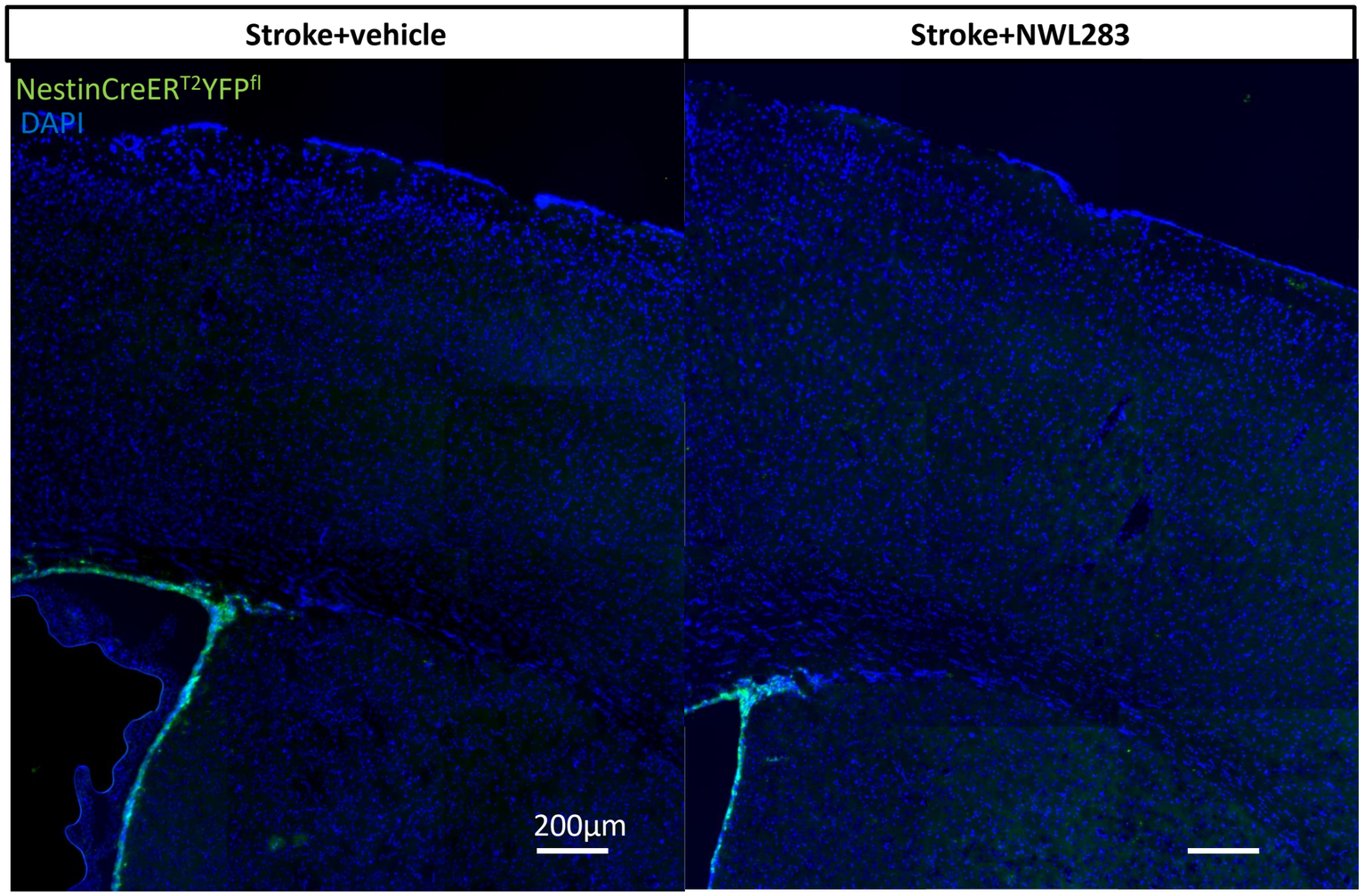

Figure S4. NPCs were pre-labelled prior to stroke, using a NestinCreER^{T2}YFP^{fl} reporter mouse line. There are no NestinYFP+ cells present in the contralateral hemisphere of stroke+vehicle and stroke+NWL283 mice.