**a**

![Image showing fluorescence intensity of DAPI and Fibrillarin with different treatments: DMSO, Act D, and DRB.](image)

* p < 0.05

** p < 0.01

**b**

**Relative number of nucleoli/cell**

![Bar graph showing relative number of nucleoli/cell with different treatments: DMSO, Act D, MG132, Meth, Rosc, DRB, H$_2$O, and CHX.](image)

**c**

**Nucleolar area less than 4 $\mu$m$^2$**

![Bar graph showing percentage of nucleoli with area less than 4 $\mu$m$^2$ with different treatments: DMSO, Act D, MG132, Meth, Rosc, DRB, H$_2$O, and CHX.](image)

**d**

**Drug-induced changes of fluorescence intensity in nucleoli**

![Bar graph showing drug-induced changes in fluorescence intensity with different treatments: DMSO, Act D, MG132, Meth, Rosc, DRB, H$_2$O, and CHX.](image)

**e**

**Drug-induced changes of nucleolar area**

![Bar graph showing drug-induced changes in nucleolar area with different treatments: DMSO, Act D, MG132, Meth, Rosc, DRB, H$_2$O, and CHX.](image)