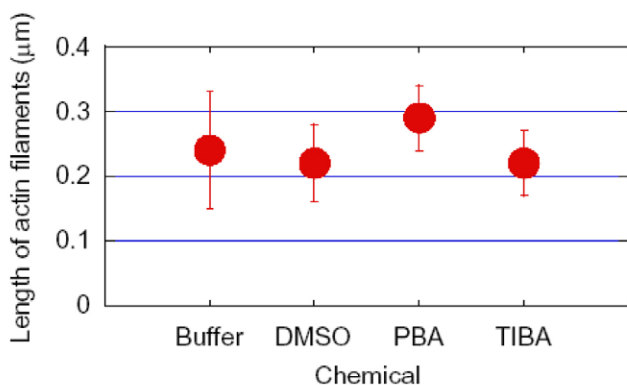


A

| | Buffer control | 1% DMSO control | 10 μ M PBA | 50 μ M TIBA |
|---|---------------------------|---------------------------|----------------------------|----------------------------|
| Length of actin filaments (μ m) Mean \pm SD | 0.24 \pm 0.09 (N=96) | 0.22 \pm 0.06 (N=93) | 0.29 \pm 0.05 (N=104) | 0.22 \pm 0.05 (N=123) |



in vitro actin polymerization assay

B

| | Buffer control | 0.1% DMSO control | 1% DMSO control | 10 μ M PBA | 50 μ M TIBA |
|--|----------------|-------------------|-----------------|----------------|-----------------|
| Actin concentration (μ M) sup (G-actin) | 2.5 | 2.9 | 2.7 | 2.2 | 2.3 |
| Actin concentration (μ M) ppt (F-actin) | 19.6 | 19.6 | 19.6 | 19.6 | 19.5 |
| F-actin / total actin | 0.887 | 0.871 | 0.879 | 0.899 | 0.894 |