



**S2 Fig: Effect of Heparinase and AZD4547 on viability of endothelial cells.**

EC were treated with either mock or 1U/ml of heparinase or DMSO mock or 100nM AZD4547 and measured the LDH release into the culture medium by LDH assay kit (Thermo Fisher Scientific) and % viability was then determined using untreated endothelial cells as baseline control. Data represent mean  $\pm$  SEM of three independent experiments performed in triplicate.