



POLYAMINE-BODIPY UPTAKE ASSAY

- Dissolve the respective Polyamine-BODIPY in 0.1 M MOPS buffer solution (AppliChem) pH 7.0
- Seed a 12-well plate (density: 1.0×10^5 cells per well) for each cell line and incubate at 37°C overnight to allow the cells to attach.
- The cells are then treated with the respective concentrations of the inhibitory compound and incubated for 15 mins.
- The cells are then treated with 5 μM of the Polyamine-BODIPY and after a 2 h incubation are harvested (trypsinised, centrifuged at 300g, washed with PBS with no calcium or magnesium).
- The pellets are re-suspended in 1% Bovine Serum Albumin (Roth) solution in PBS and stored on ice.
- Use an Attune Nxt (Thermo Scientific) flow cytometer was used to measure the median fluorescent intensities of 10,000 events per treatment.