

## Supplementary Section

### Preferential and increased uptake of hydroxyl terminated PAMAM dendrimers by activated microglia in rabbit brain mixed glial culture

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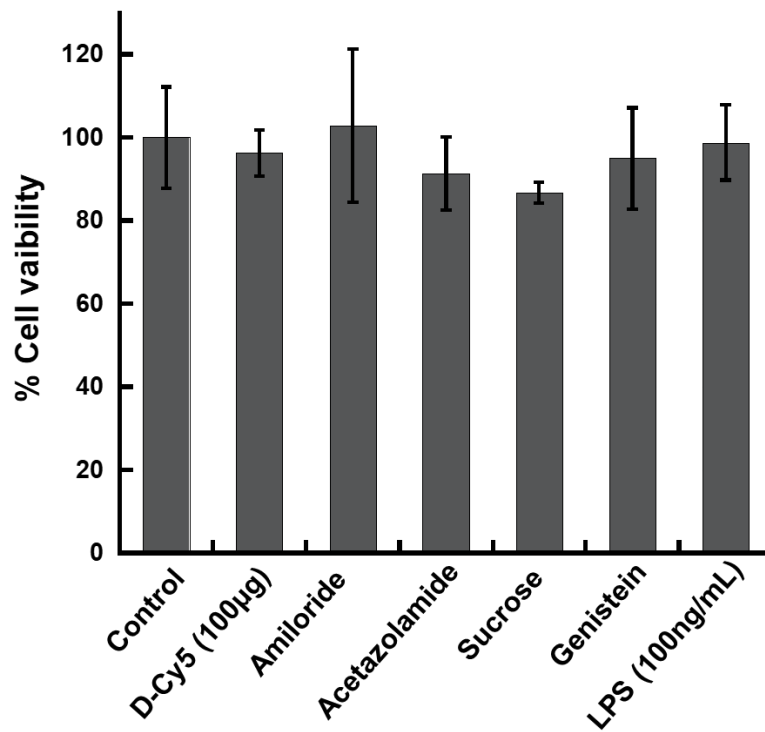
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**Figure S1: Cell toxicity profile various inhibitors in primary mixed glia culture.** The various treatments D-Cy5 (100 µg/mL), Amiloride (10µM) to prevent macropinocytosis, Acetazolamide (100 nM) obstruct aquaporin channels, Sucrose (450 nM) to impede fluid phase endocytosis, Genistein (100 nM) to block caveolae-mediated endocytosis, and LPS (100 ng/mL) to activate the cells were evaluated for cytotoxicity. Three hours treatment with aforementioned treatments did not demonstrate significant cytotoxicity (>85%).