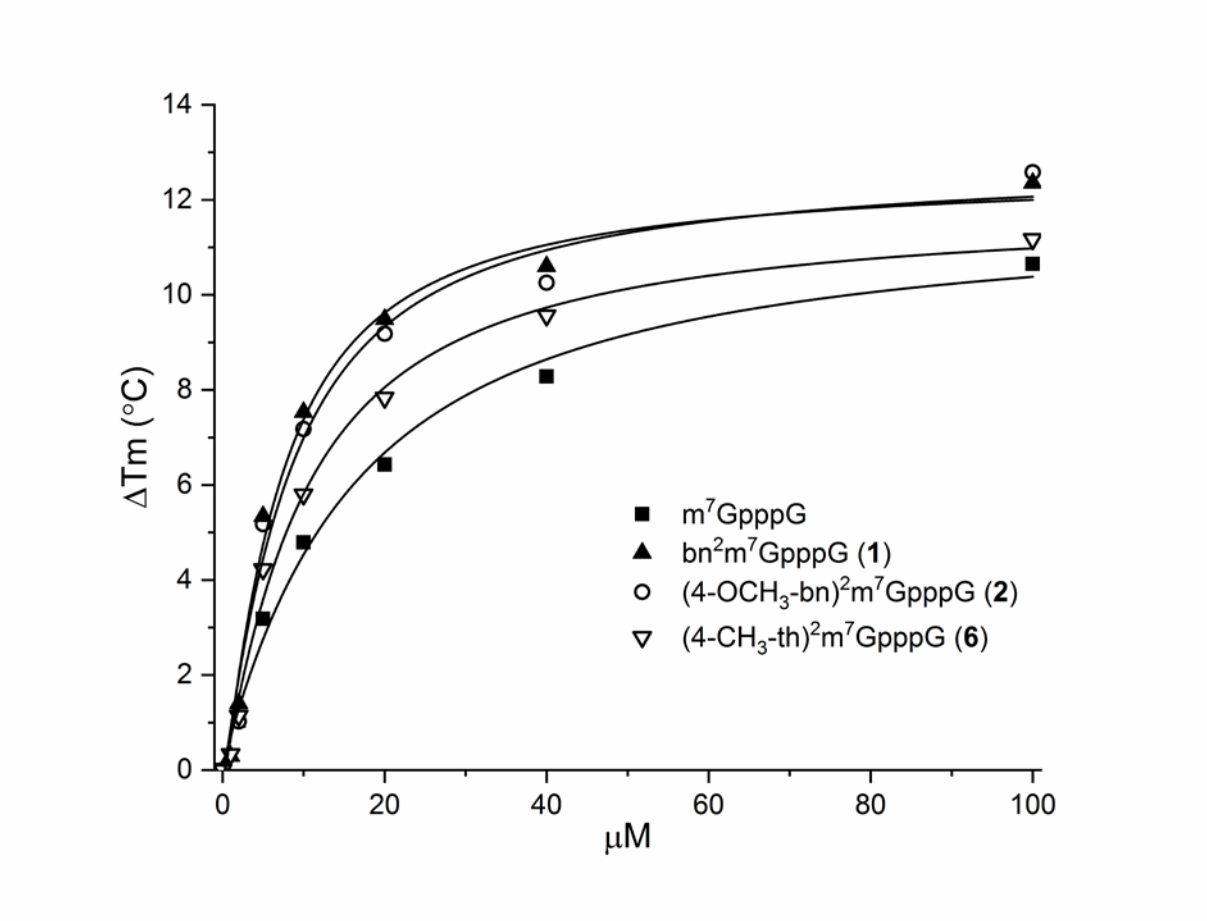
Supplemental_Fig_S8

**Stabilization of eIF4E as a function of examined cap analogues concentration**




△Tm values (calculated from Tm data obtained in experiment shown in Supplementary_Fig_S7) were plotted versus corresponding concentration of analyzed compound. Apparent affinity (*app.*Kd) was then estimated as described by Vivoli M, et. al (J Vis Exp. 2014, (91):51809. doi: 10.3791/51809), by fitting to the experimental data the single site ligand binding model (Origin Pro). For clarity, the fitted lines for compounds bn$^2$m$^7$GpppG (**1**), (4-OCH$_3$-bn)$^2$m$^7$GpppG (**2**), (4-CH$_3$-th)$^2$m$^7$GpppG (**6**) and (4-Cl-bn)$^2$m$^7$GpppG (**3**), (4-(diOCH$_3$-bn)-tz)$^2$m$^7$GpppG (**4**), (4-bn-isx)$^2$m$^7$GpppG (**5**) (in relation to m$^7$GpppG) are shown in separate graphs.