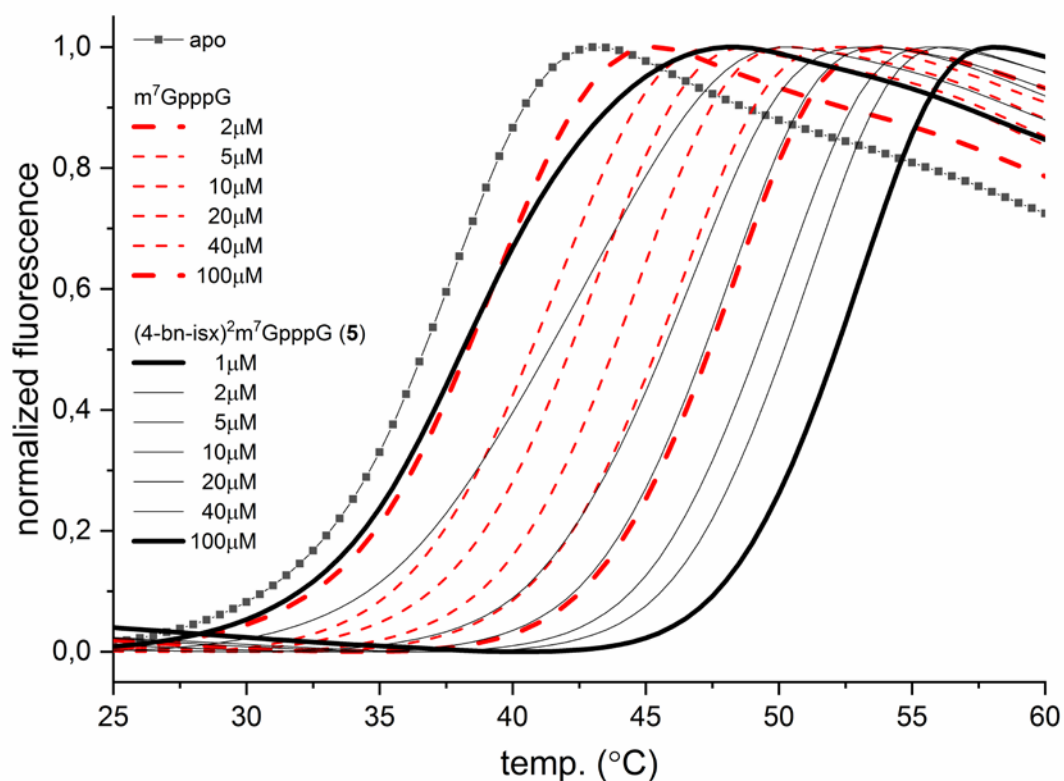


Comparison of DSF thermal denaturation profiles of eIF4E in the presence of increasing concentrations of m^7 GpppG standard cap analogue and (4-bn-isx) $^2m^7$ GpppG



DSF melting profiles of murine eIF4E apo form, in the presence of m^7 GpppG (2-100 μ M, dashed red lines), and in the presence of (4-bn-isx) $^2m^7$ GpppG (**5**) (black lines) are shown in the figure. Bolded lines indicate the lowest and the highest tested concentration. Measured DSF fluorescence signal was normalized and used to calculate T_m values of murine eIF4E for each tested compound concentration with CDpal. Similar experiments were performed also for compounds bn $^2m^7$ GpppG (**1**), (4-OCH $_3$ -bn) $^2m^7$ GpppG (**2**), (4-Cl-bn) $^2m^7$ GpppG (**3**), (4-(diOCH $_3$ -bn)-tz) $^2m^7$ GpppG (**4**), and (4-CH $_3$ -th) $^2m^7$ GpppG (**6**) (data not shown).