



**Supplemental Figure 2. 2-Azahypoxanthine and light activated DTIC show similar UV absorbance profiles.** The absorption profiles for 0.05mM 2-AzaHypoxanthine and 0.1mM light activated DTIC were obtained using an ultra low volume spectro-photometer (NanodropND1000, Lab Tech). Light exposed DTIC shows a UV absorption profile (dark-gray line) with two peaks of maximal absorption. One at 350-370nm (overlapping the UV spectrum for non activated DTIC, dashed light-gray line) and one at 256-295nm overlapping the UV absorption profile corresponding to 2-Azahypoxanthine (black line).