

Sup. Fig. 1: Comparison between the absorption spectrum of a pure SDBC sample in buffer and the Sun spectrum at the Earth's surface (AM 1.5) and on the top of the atmosphere (AM 0).

Sup. Fig. 2: Comparison of the excitation and emission spectra of SDBC sample in buffer with the Sun spectrum at the Earth's surface (AM 1.5) and on the top of the atmosphere (AM 0). For the SDBC the emission spectrum was recorded using the main excitation bands (233 nm and 279 nm), while the excitation spectrum was recorded with emission at 325 nm.