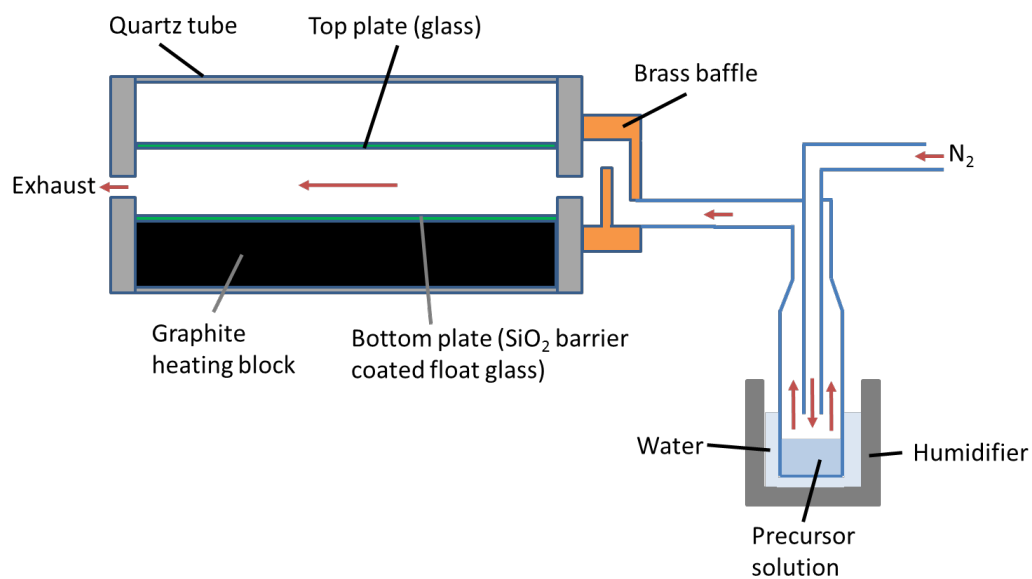


## Supporting Information



**Figure 1 (SI):** The Schematic diagram of the AACVD system. The aerosol of the precursor solution is created by plaining the bubbler into a humidifier that contains water. The aerosol is passed into the CVD chamber using a N<sub>2</sub> gas flow.