**Supplementary Materials**

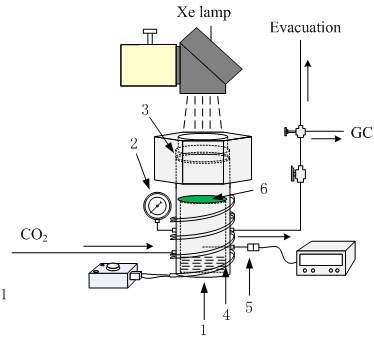
In-situ preparation of Z-scheme MoO3/g-C3N4 composite with high performance in photocatalytic CO2 reduction and RhB degradation

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**FIG. S1** Schematic diagram of the photocatalytic CO2 conversion setup: (1) reactor, (2) pressure guage, (3) quartz glass, (4) heating tape, (5) thermocouple, (6) support.

**a**

**b**

F:\360云盘\ZJNU Cloud Sync\文档\MoO3-g-C3N4\整理\J Mater Res\Revise\N2 adsorption-1.TIFF:\360云盘\ZJNU Cloud Sync\文档\MoO3-g-C3N4\整理\J Mater Res\Revise\N2 adsorption-2.TIF

**FIG. S2** N2 adsorption/desorption isotherms (a) and pore size distribution (b) of g-C3N4 and 3wt.% MoO3/g-C3N4 composite