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Supporting information

Improved Photocatalytic Activity in Surfactant-assisted Synthesized Ti-containing MOF Photocatalyst under Blue LED Irradiation

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![EDS spectrum](image)

**Fig. S1.** EDS of the unwashed catalyst, SMIL-NH$_2$ after deoximation reaction
**Fig. S2.** EDS of the washed catalyst, SMIL-NH$_2$R after deoximation reaction

**Fig. S3.** SEM images of the used SMIL-NH$_2$R before (left) and after washing the catalyst (right)
The $^1$H-NMR (400 MHz, CDCl$_3$-$d_1$), $^{13}$C-NMR (100 MHz, CDCl$_3$-$d_1$) spectra for the oximes are as follows: