

Supporting Information

Synergetic effect of photocatalysis and peroxymonosulfate activated by CoTiO₃/SBA-15, NiTiO₃/SBA-15 and Fe₂TiO₅/SBA-15 for efficient photocatalytic removal of oxytetracycline hydrochloride

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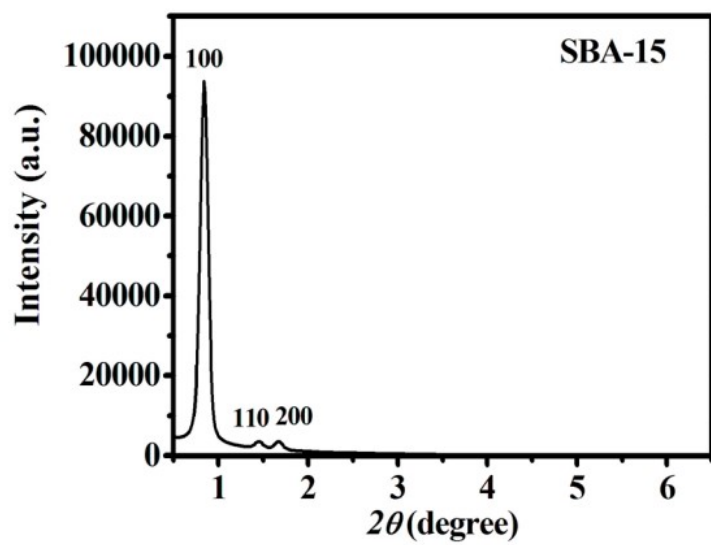


Fig. 1 XRD pattern of SBA-15.

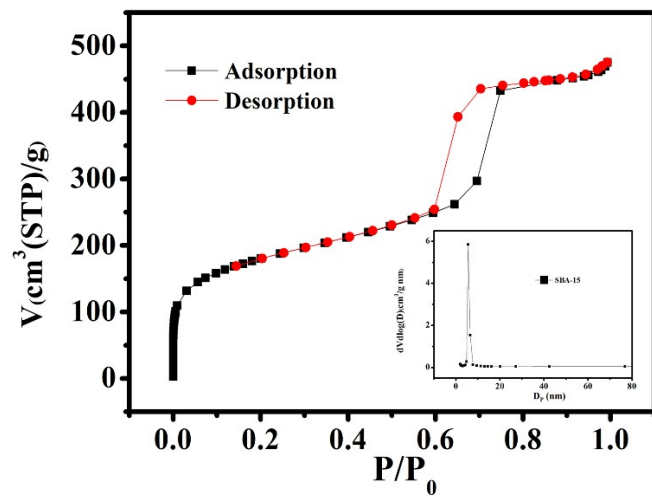


Fig. 2 The N_2 adsorption and desorption isotherms of SBA-15.

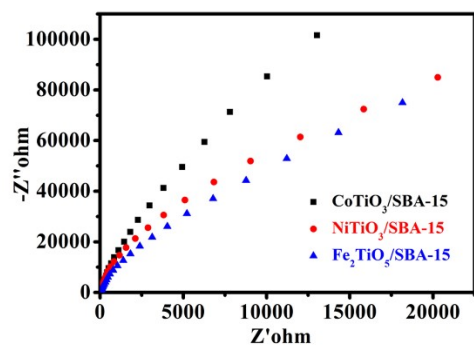


Fig. 3 The EIS response of CoTiO₃/SBA-15, NiTiO₃/SBA-15 and Fe₂TiO₅/SBA-15 under visible light irradiation ($\lambda > 420$ nm).

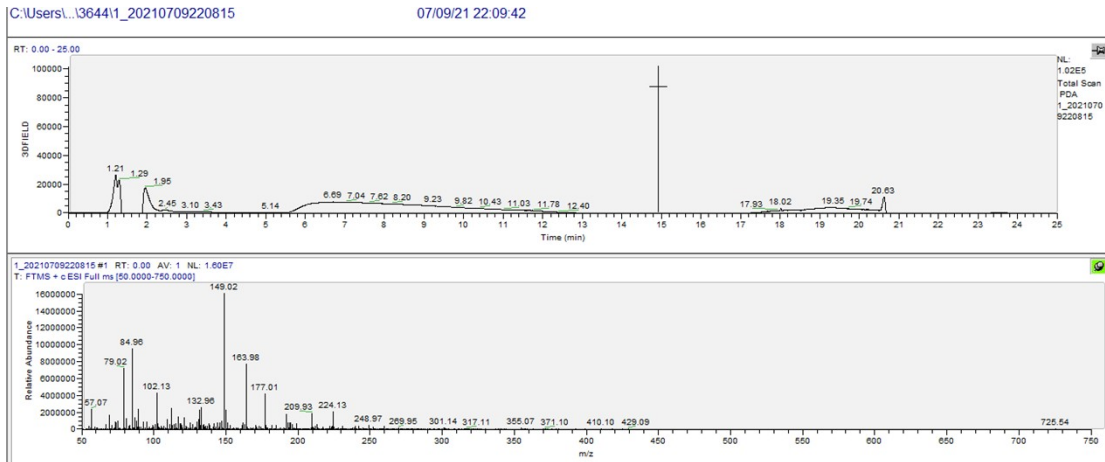


Fig. 4 UPLC–MS results of oxytetracycline hydrochlorid degradation products [CoTiO₃/SBA–15: 0.5 g L⁻¹; PMS: 2 mM; oxytetracycline hydrochlorid: 40mg/L].

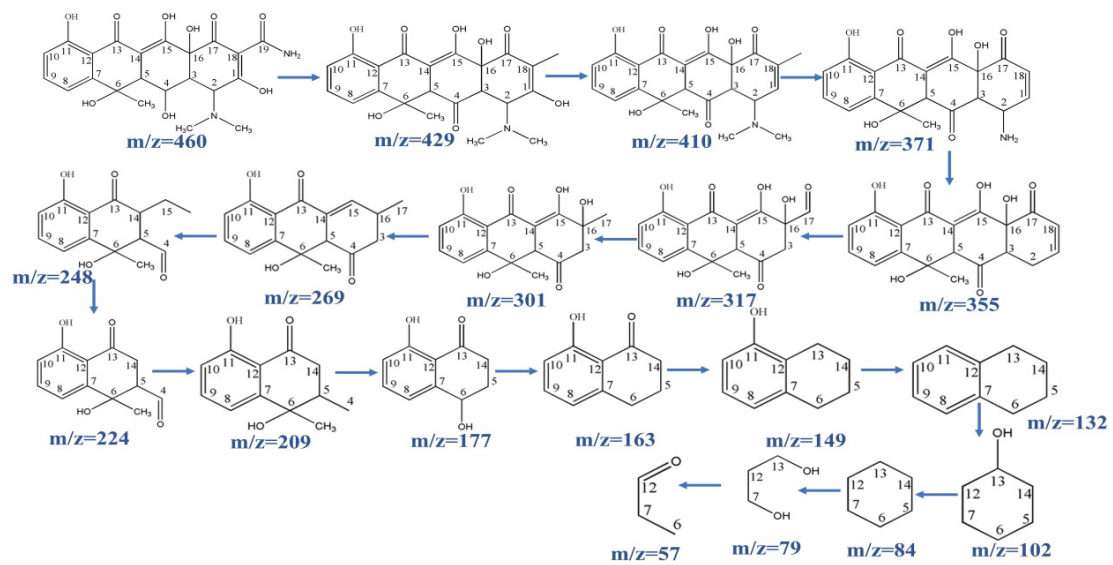


Fig. 5 Possible degradation pathway of OTC.