

Supplementary Information

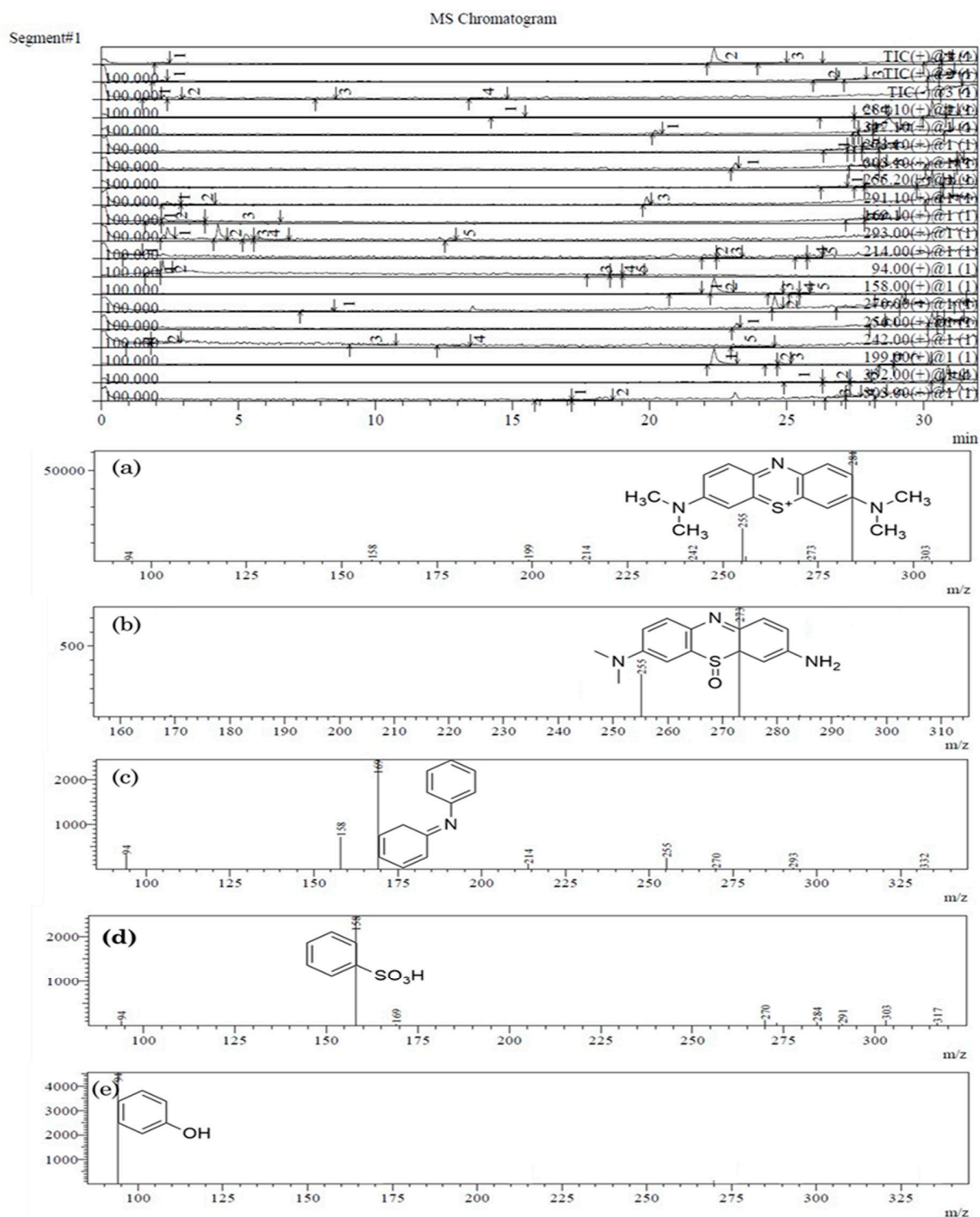


Figure S1. The Mass spectrometry peaks (m/z) of generated reaction intermediate during the photodegradation of MB dye with (a) 284 m/z, (b) 273 m/z, (c) 169 m/z, (d) 158 m/z, (e) 94 m/z.

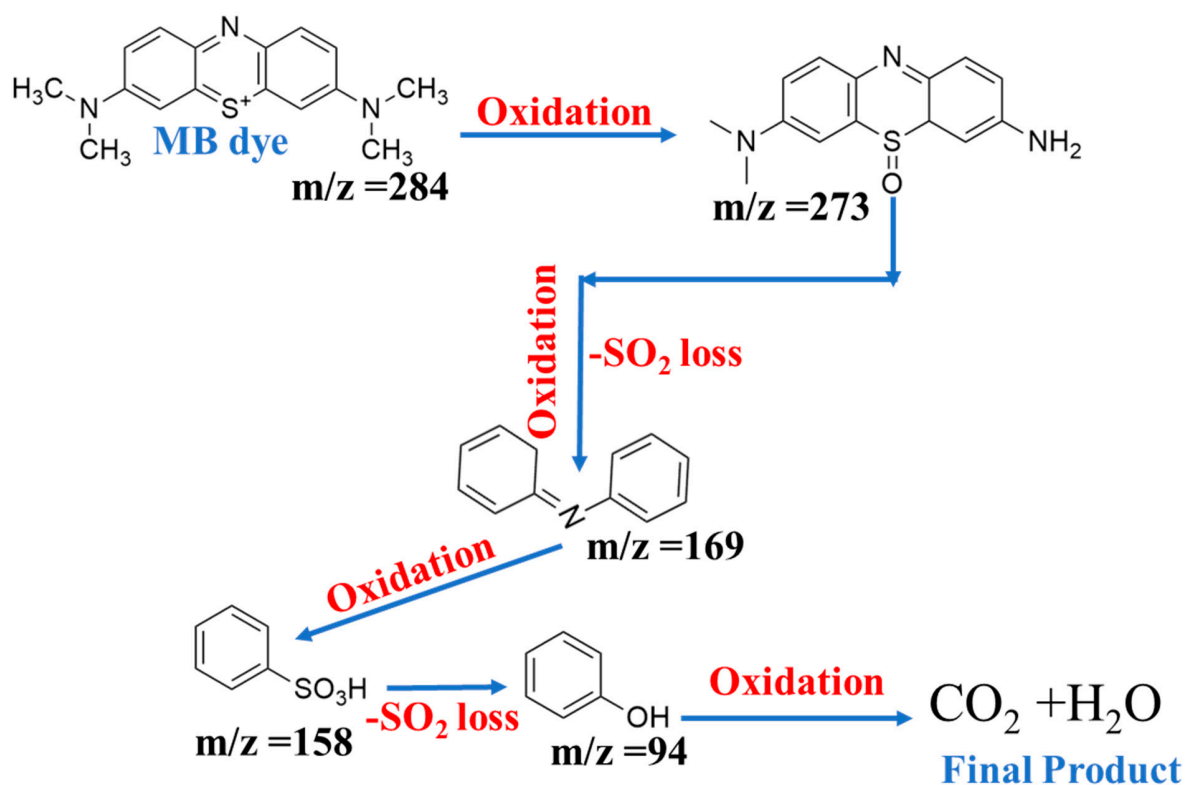


Figure S2. Identified transformation products and proposed photodegradation pathway of MB dye using ACPNS-TiO₂ nanocomposite catalyst.