

Fig. 1 ^1H NMR spectra recorded during the biodegradation of 1 mM $[\text{NH}_{112}\text{OH}][\text{Ac}]$ by *Rhodococcus rhodochrous* ATCC 29672.

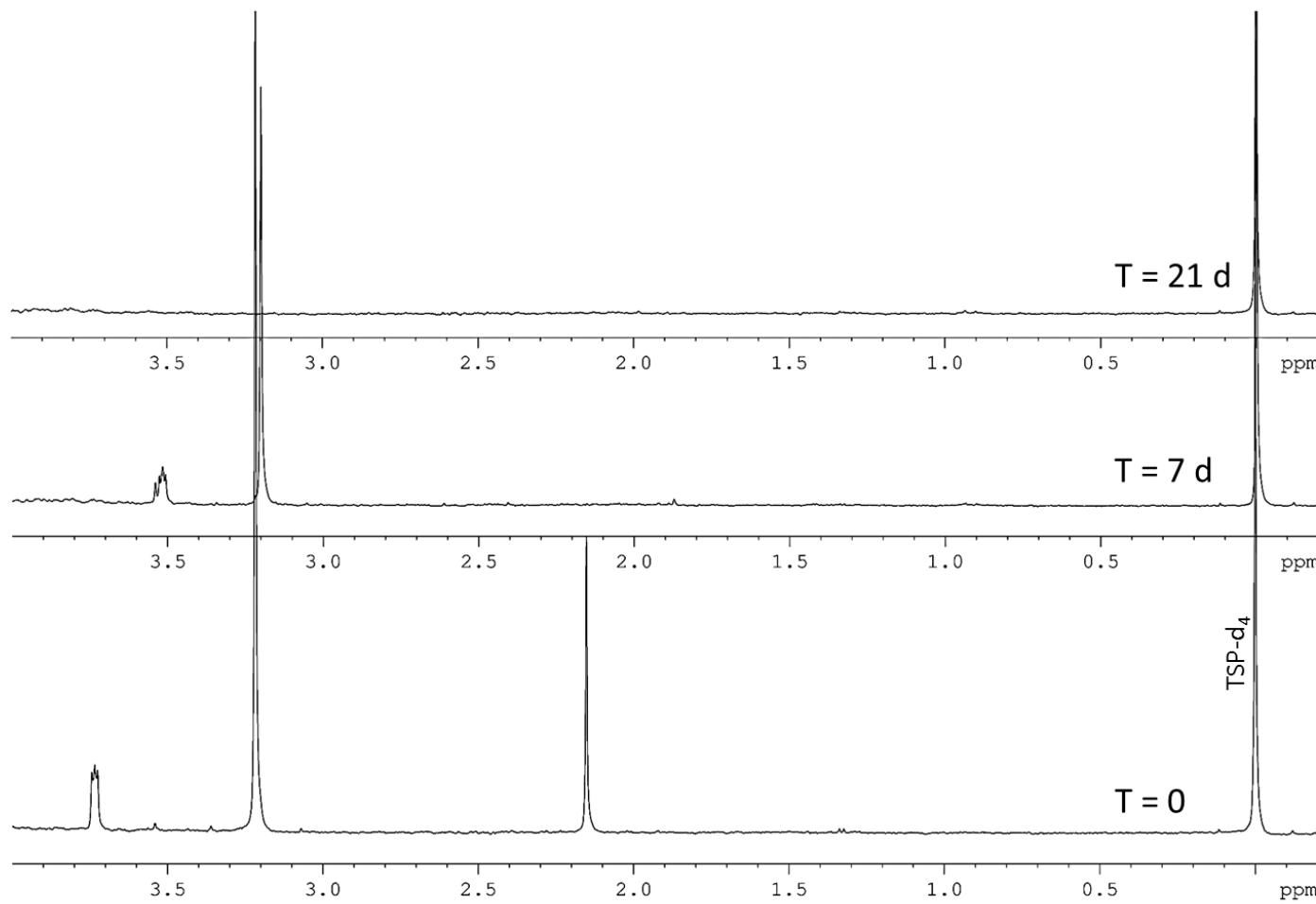


Fig. 2 ¹H NMR spectra recorded during the biodegradation of 1 mM [N₁₁₁₂OCOCH₃][Tf₂N] by *Rhodococcus rhodochrous* ATCC 29672.

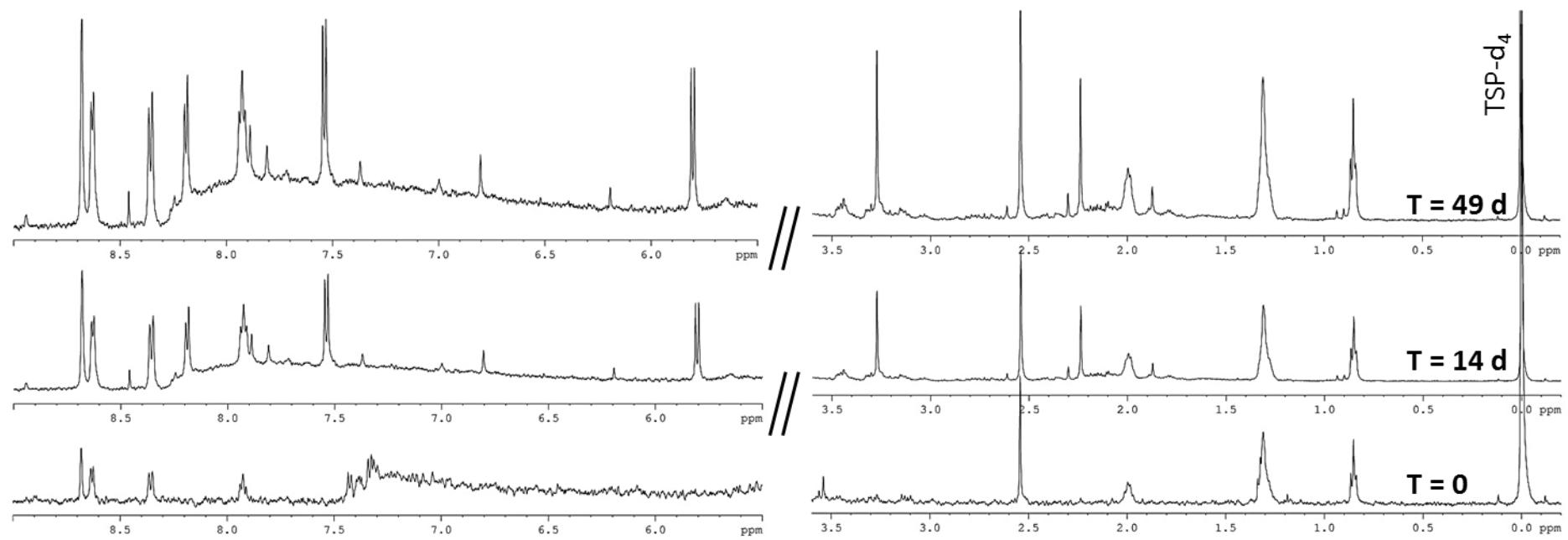


Fig. 3 ¹H NMR spectra recorded during the biodegradation of 1 mM [C₆mPy][Tf₂N] by *Rhodococcus rhodochrous* ATCC 29672.

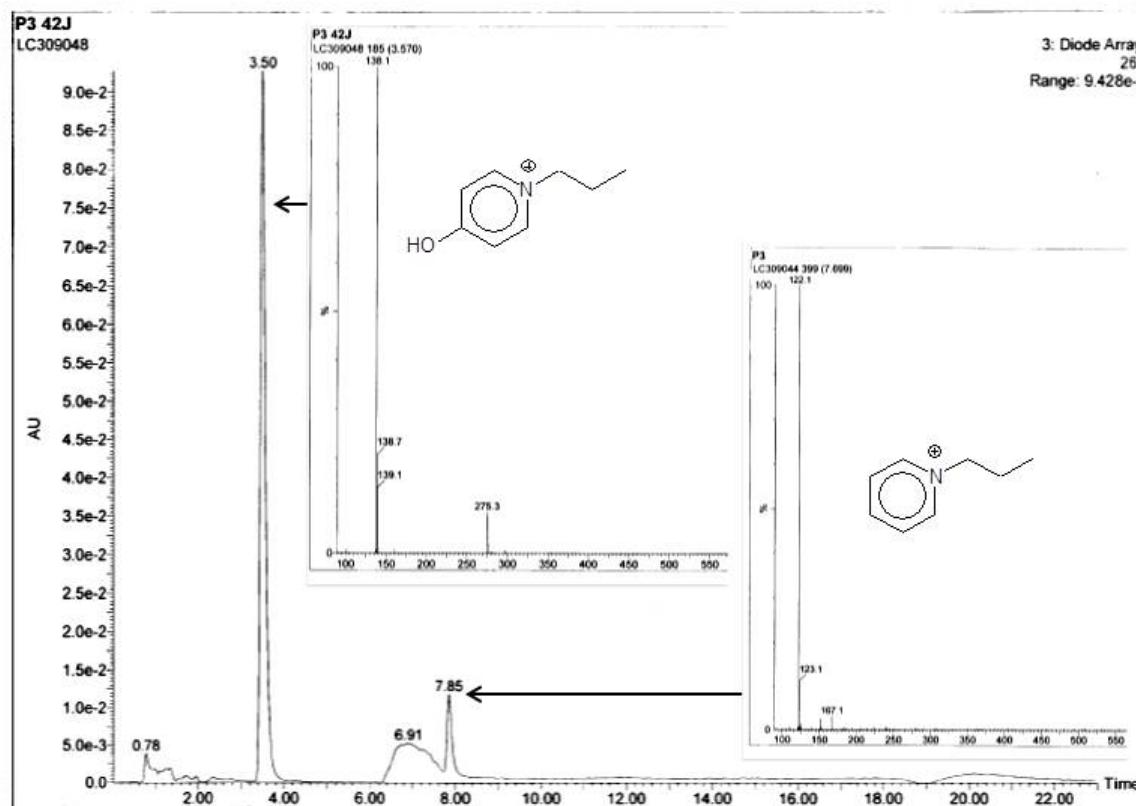


Fig. 4 LC-(+)-ESI-MS spectra of $[C_3Py][Tf_2N]$ and its metabolite

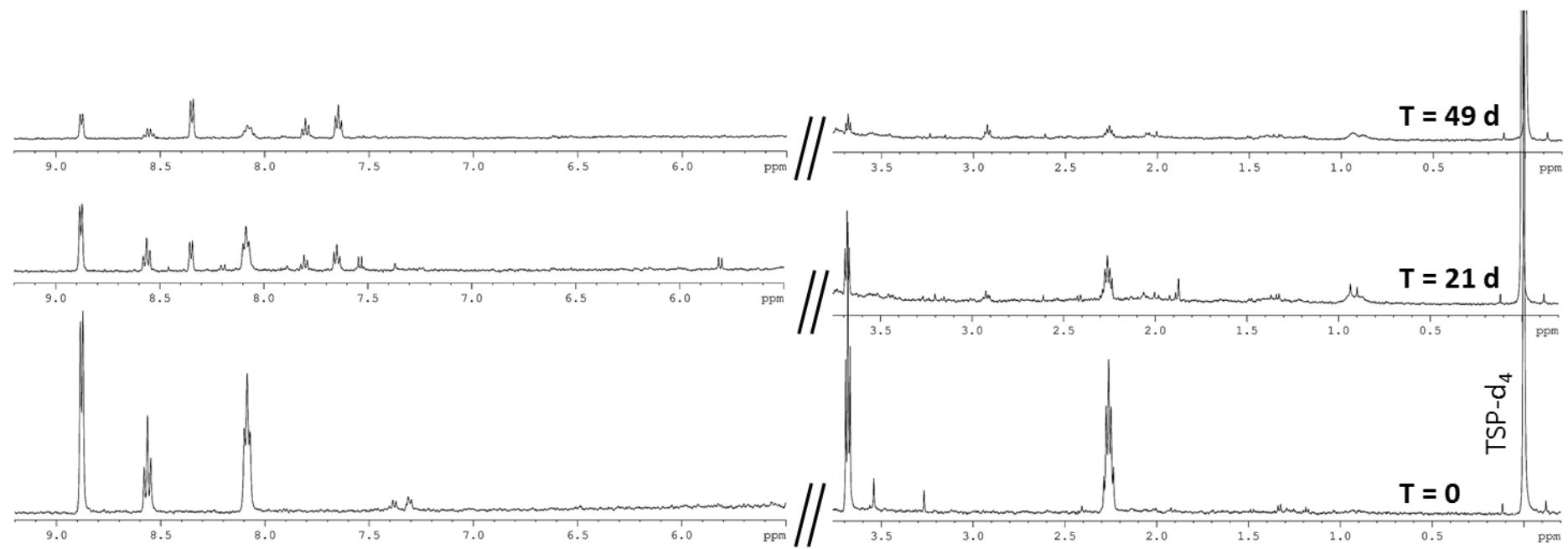


Fig. 5 ^1H NMR spectra recorded during the biodegradation of 1 mM $[\text{C}_{30}\text{HPy}][\text{Tf}_2\text{N}]$ by *Rhodococcus rhodochrous* ATCC 29672.

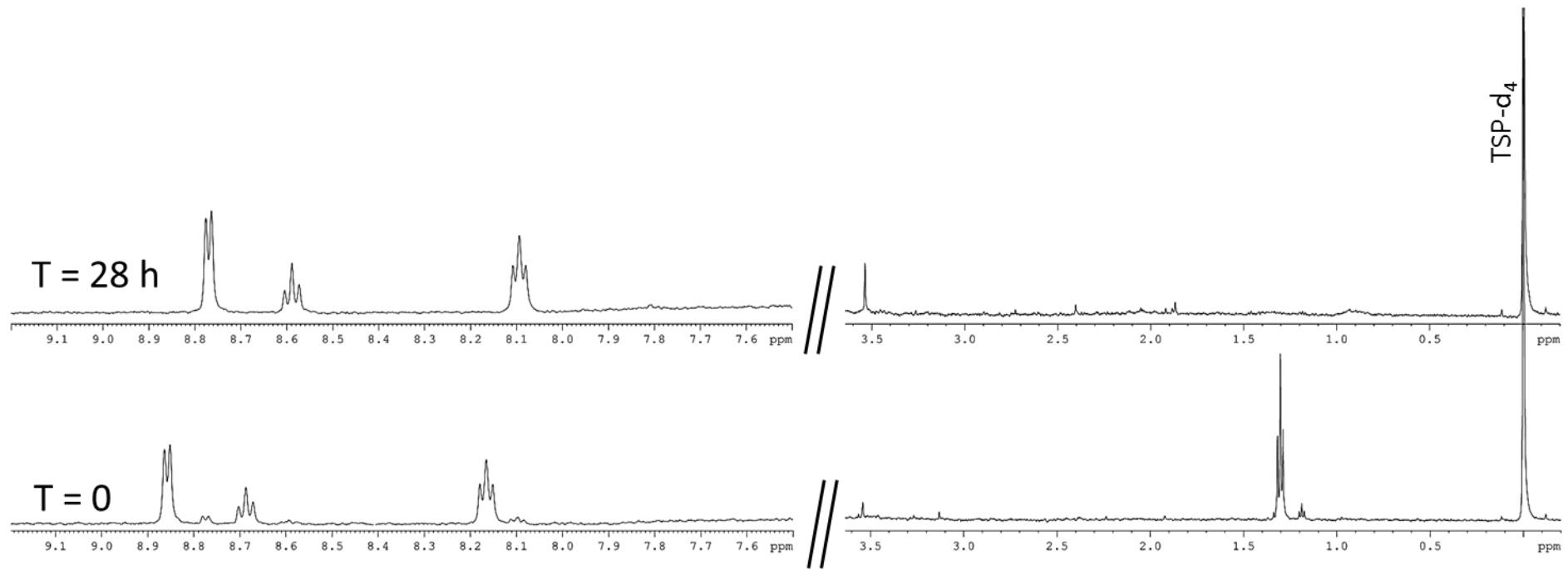


Fig. 6 ¹H NMR spectra recorded during the biodegradation of 1 mM $[\text{C}_1\text{COOC}_2\text{Py}][\text{Tf}_2\text{N}]$ by *Rhodococcus rhodochrous* ATCC 29672.