

No.	Compound name	Reaction equation	pH	Rate constant (L mol <sup>-1</sup> s <sup>-1</sup> )	Comments	Reference
446	\{\}alpha-Methylstyrene (over-all)	H <sup>·</sup> + C <sub>6</sub> H <sub>5</sub> C(CH <sub>3</sub> )=CH <sub>2</sub> → addn <sup>·</sup>		4.5 × 10 <sup>8</sup>	p.r.; P.b.k. at 260 nm, 55% cyclohexadienyl, 45% benzyl radical formed.	751198