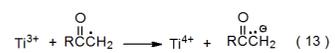


## V. Reactions of Carbonyl-Conjugated Radicals

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In addition to dimerization (□ eq 12) carbonyl-conjugated radicals also can be reduced to anions in a pH-dependent reduction by  $\text{Ti}^{3+}$  (eq 13).<sup>30</sup> At pH 1 the reaction shown in eq 13 is negligible, but at pH 7 this reaction becomes an important pathway for removing carbonyl-conjugated radicals from a reaction mixture.<sup>30</sup>



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