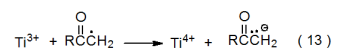


## V. Reactions of Carbonyl-Conjugated Radicals

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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