

**Divergent Function in the Crotonase Superfamily: An Anhydride Intermediate in the Reactions Catalyzed by 3-Hydroisobutyryl-CoA Hydrolase** [*J. Am. Chem. Soc.* **2003**, *125*, 12076–12077]. Brian. J. Wong and John A. Gerlt\*

Page 12077. Reference 11 should also include the following two citations: Benning, M. M.; Taylor, K. L.; Liu, R.-Q.; Yang, G.; Xiang, H.; Wesenberg, G.; Dunaway-Mariano, D.; Holden, H. M. *Biochemistry* **1996**, *35*, 8103–8109. Yang, G.; Liu, R.-Q.; Taylor, K. L.; Xiang, H.; Price, J.; Dunaway-Marinano, D. *Biochemistry* **1996**, *35*, 10879–10885.

JA033467T

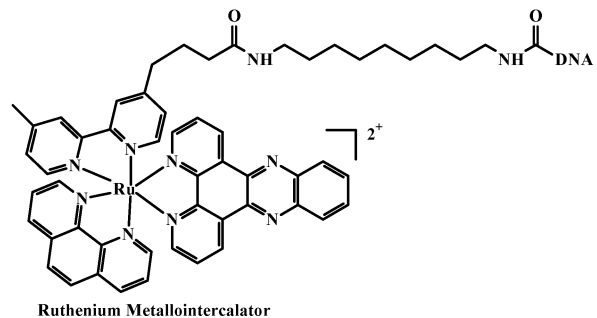
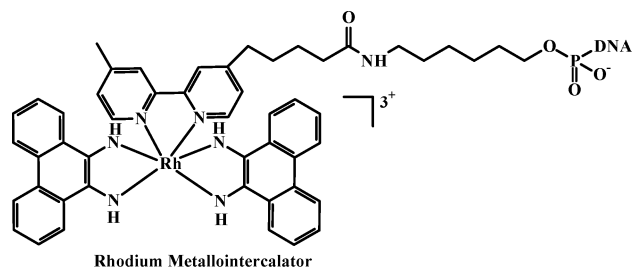
10.1021/ja033467t

Published on Web 01/21/2004

**Long-Distance Radical Cation Migration in Duplex DNA: The Effect of Contiguous A·A and T·T Mismatches on Efficiency and Mechanism** [*J. Am. Chem. Soc.* **2003**, *125*, 15732–15733]. Nathan W. Schlientz and Gary B. Schuster\*

Page 15732. The last two sentences of the first paragraph should be replaced with the following: An extensive study using a covalently linked ruthenium intercalator (shown below) as sensitizer indicated that radical cation transport is extremely sensitive to single base pair mismatches, which was attributed to local destacking.<sup>19</sup> However, a subsequent investigation employing a rhodium intercalator (shown below) as sensitizer revealed that it caused aggregation of duplex DNA.<sup>20</sup> The ruthenium- and rhodium-based intercalators are similar and seem

to differ only in the method of radical cation generation (Arkin, M. R.; Stemp, E. D.; Pulver, S. C.; Barton, J. K. *Chem. Biology* **1997**, *4*, 389–400). Sensitizer-induced aggregation may invalidate conclusions based upon the assumed presence of exclusively monomeric species.



JA033468L

10.1021/ja033468l

Published on Web 01/23/2004