

Corrections

Trichodiene Synthase. Identification of Active Site Residues by Site-Directed Mutagenesis, by David E. Cane,* Jae Hoon Shim, Qun Xue, Brian C. Fitzsimons, and Thomas M. Hohn*, Volume 34, Number 8, February 28, 1995, pages 2480–2488.

Page 2486. We have reinvestigated the steady-state parameters of the C190A mutant of trichodiene synthase. In Table 4, the corrected values for C190A are K_m 103 nM, k_{cat} 0.34 s⁻¹, and k_{cat}/K_m 3.3×10^6 s⁻¹ M⁻¹, essentially identical to those for wild-type trichodiene synthase. The previously reported lower value for the k_{cat} was probably due to the inactivation of the protein during purification. The results indicate that Cys190 plays no role in catalysis or substrate binding. We thank Mr. Hsien-Tai Chiu for carrying out these new measurements.

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