

CORRIGENDA

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Kinetics of the Solvolyses of Benzhydryl Derivatives: Basis for the Construction of a Comprehensive Nucleofugality Scale

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In the paper by H. Mayr et al., the last row of data and footnotes of Table 1 are missing from page 1653 and should have appeared as shown below. Although the html data for this paper is complete and correct, an error was introduced into the pdf file during the final typesetting process. The editorial office apologizes for this omission and is grateful to the author for alerting us to it.

Table 1. (Continued) Solvolysis rate constants of X,Y-substituted benzhydryl derivatives in different solvents (25°C).

Leaving group	Nucleofuge Solvent ^[b]	Electrofuge X, Y	k_s [s ⁻¹]	k_{calcd} [s ⁻¹] ^[a]	Ref.
Cl	TFE ^[f]	4-NO ₂	5.44×10^{-5} ^[c]	(8.87×10^{-4})	[24]
		3-Cl, 3'-Cl	7.20×10^{-4}	4.38×10^{-4}	–
		3,5-(Cl) ₂ , 3'-Cl	1.39×10^{-5}	1.71×10^{-5}	–

[a] The values of k_{calcd} were calculated according to Equation (3) with more decimal places for E_f , N_f , and s_f than those indicated in Tables 2 and 3. The use of E_f , N_f , and s_f from Tables 2 and 3 leads to slightly deviating values. [b] Mixtures of solvents are given as (v/v); A = acetone, E = ethanol, W = water. [c] Solvolysis rate constants for 3,5-dinitrobenzoates from ref. [17] have been reevaluated in this work. [d] Only two solvolysis rate constants are available for a tentative determination of N_f and s_f . Therefore, k_s and k_{calcd} values are identical for this nucleofuge. [e] Rate constants were not used for the correlation. [f] TFE = 2,2,2-trifluoroethanol.