JOURNAL OF PHYSICAL ORGANIC CHEMISTRY
J. Phys. Org. Chem. 2008; **21**
Published online in Wiley InterScience
(www.interscience.wiley.com) DOI: 10.1002/poc.1282

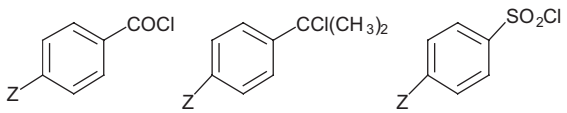
Erratum

Substituent effects on the formation of sulfonyl cations from sulfonyl chlorides: comparisons of solvolysis kinetic data with calculated gas phase energies. T. William Bentley, Robert O. Jones.

Journal of Physical Organic Chemistry: Substituent effects on the formation of sulfonyl cations from sulfonyl chlorides: comparisons of solvolysis kinetic data with calculated gas phase energies. T. William Bentley, Robert O. Jones, published online 25 September 2007, doi: 10.1002/poc.1262.

Since its publication online, it has been noted that a couple of corrections were not made to this paper. Please note the following:

The structures below should appear on page 2 line 17, above the ''Results'' section:



1 **2** **3**

Table 8 on page 6 should appear as follows:

Table 8. Ratios of rate constants (k/s^{-1}) for solvolyses of 4-Z-substituted benzenesulfonyl chlorides ($ArSO_2Cl$, **3**) in 97% w/w TFE-water (97T) and 40% ethanol-water (40E) and k_{40E}/k_{97T} values for corresponding aroyl chlorides (ArCOCl, **1**) at 25°C[a]

	$ArSO_2Cl$			ArCOCl[a]
Z	k (97% TFE)[b]	k (40% EtOH)	k_{40E}/k_{97T}	k_{40E}/k_{97T}
NO_2	1.6×10^{-7}	2.32×10^{-3}[c]	1.5×10^{4}	(8.2×10^{3})[d]
Cl	3.5×10^{-7}	8.5×10^{-4}	2.5×10^{3}	34
H	3.0×10^{-7}	8.82×10^{-4}	2.9×10^{3}	13
Me	1.3×10^{-6}	5.84×10^{-4}[e]	4.5×10^{2}	5.7
OMe	3.3×10^{-6}	9.87×10^{-4}[e]	3.0×10^{2}	4.6
(mesit)[f]	3.5×10^{-5}	5.3×10^{-3}	1.5×10^{2}	

[a] Kinetic data for 97T from Ref. 5, and for 40E from Refs. 23b and 23c.
[b] Extrapolated from data in Table 7.
[c] Data from Ref. 23a.
[d] The high ratio is due to a mechanistic change (see Ref. 23b).
[e] Data from Ref. 23d.
[f] Data for 2,4,6-trimethylbenzene sulfonyl chloride is the average from Refs. 9a and 23e.

The article will be corrected prior to print publication.