

# Additions and Corrections

Vol. 46, 1981

**Lamar Field\* and Venkatachalam Eswarakrishnan.** Sulfinic Acids and Related Compounds. 12. Conversions of 1,2-Dithiane 1,1-Dioxide to 4-Mercaptobutanesulfinates and 4,4'-Polythiobis(butanesulfinates).

Page 2025 and elsewhere; abstract, lines 5–8 and elsewhere: We reported that sodium polysulfides,  $\text{Na}_2\text{S}_n$ , cleaved 1,2-dithiane 1,1-dioxide to give 4,4'-polythiobis(butanesulfinates),  $\text{NaO(O)S(CH}_2)_4\text{S}_m(\text{CH}_2)_4\text{S(O)ONa}$ ;  $m$  was believed to be 3 to 5.8. IR bands at 1230–1120 and 1080–1025  $\text{cm}^{-1}$  were attributed to such polythiobis(butanesulfinates). However, our recent studies have revealed that bands at 1220–1170 and 1100–1070  $\text{cm}^{-1}$  are characteristic of thiosulfonates,  $\text{RSO}_2\text{SNa}$ , and that a trisulfide bis(butanesulfinate),  $\text{NaO}_2\text{S(CH}_2)_4\text{SSS(CH}_2)_4\text{SO}_2\text{Na}$ , can rearrange to a disulfide thiosulfonate sulfinate,  $\text{NaO(O)S(CH}_2)_4\text{SS(CH}_2)_4\text{SO}_2\text{SNa}$  [Macke, J. D.; Field, L. *J. Org. Chem.* 1988, 53, 396–402]. In this light, it now seems likely that our earlier products contained significant amounts of  $\text{RSO}_2\text{SNa}$ , i.e., that part of the products contained less sulfur in the chain than we believed, part of the sulfur in the chain having rearranged to convert  $\text{RS(O)ONa}$  to  $\text{RSO}_2\text{SNa}$ . Further discussion is given in the 1988 paper.

Vol. 52, 1987

**Sabine Mahling, Klaus-Dieter Asmus,\* Richard S. Glass,\* Massoud Hojjatie, Mahmood Sabahi, and George S. Wilson\*.** Neighboring Group Participation in Radicals: Pulse Radiolysis Studies on Radicals with Sulfur–Oxygen Interaction.

Page 3717. Mahmood Sabahi was inadvertently omitted from the list of authors.

Vol. 53, 1988

**Robin D. Clark\* and Jahangir.** Total Synthesis of Oxynitidine via Lithiated Toluamide–Imine Cycloaddition.

Page 2379, paragraph 4, line 2. “A solution of *N,N*-diethyl-*o*-toluamide (1) (1.79 g, 11 mmol) in 10 mL of THF”..., should read “A solution of *N,N*-diethyl-*o*-toluamide (1) (1.91 g, 10 mmol) and piperonal *N*-methylimine (3) (1.79 g, 11 mmol) in 10 mL of THF...”.

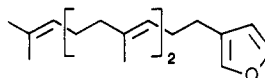
**Tirthankar Ghosh and Harold Hart\*.** Tandem Cycloaddition/Radical Cyclization, a Widely Applicable Strategy for the Rapid Assembly of Polycyclic Systems.

Page 2397, Table I. In structure 19, the phenyl substituent (Ph) should be exo, not endo.

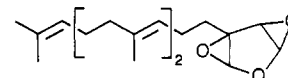
Page 2398, line 21. Should read: exo adduct 19 was obtained; ....

**Michael R. Kernan and D. John Faulkner\*.** Regioselective Oxidation of 3-Alkylfurans to 3-Alkyl-4-hydroxybutenolides.

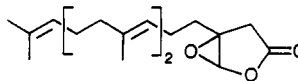
Page 2774. The structural diagrams for compounds 12–15 (below) were omitted.



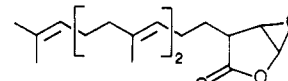
12



13



14



15