

5 Carbene can be formed by dissociation of the F-methylene phosphonate ylide. Subsequent capture of carbene by (II) followed by protonation would give (III). Related work in our laboratory suggests that the ylide is unstable and can dissociate to carbene and phosphite anion. In the experiment described, proton capture is obviously faster than dissociation.

6  $^{19}\text{F}$  NMR:  $\delta^*$  121.6 ppm (t) J 87 Hz;  $^1\text{H}$  NMR:  $\delta$  0.8-1.1 (m, 3H),  $\delta$  1.1-1.9 (m, 4H),  $\delta$  4.0-4.4 (m, 2H);  $^{31}\text{P}$  NMR:  $\delta$  - 3.7 (t);  $^{13}\text{C}$  NMR:  $\delta$  116.3 (t,t) J(C,P) 187 Hz, J(C,F) 279 Hz (-CF<sub>2</sub>-). Anal: Calcd for C<sub>17</sub>H<sub>36</sub>F<sub>2</sub>O<sub>6</sub>P<sub>2</sub>: % C 46.79, % H 8.26. Found % C 46.79 % H 8.27.

7  $^{19}\text{F}$  NMR:  $\delta^*$  122.0 (t) J 87 Hz;  $^1\text{H}$  NMR:  $\delta$  1.40 (t) J 7 Hz (CH<sub>3</sub>),  $\delta$  4.39 (d,q) J(H,P) 3.8 Hz, J(H,H) 7 Hz (-CH<sub>2</sub>O);  $^{31}\text{P}$  NMR:  $\delta$  - 3.5 (t);  $^{13}\text{C}$  NMR:  $\delta$  16.4 (s) (CH<sub>3</sub>-),  $\delta$  65.3 (d) J 2.9 Hz,  $\delta$  116.2 (t,t) J(C,P) 187 Hz, J(C,F) 279 Hz (-CF<sub>2</sub>-). Anal: Calcd for C<sub>9</sub>H<sub>20</sub>F<sub>2</sub>O<sub>6</sub>P<sub>2</sub>: % C 33.33, % H 6.17. Found % C 33.41, % H 6.32.

8 No attempt has been made to optimize yields or reaction conditions.

9 This work represents the first example of a fluorine-containing phosphonate ylide.

## Corrigendum

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*Journal of Fluorine Chemistry*, 14 (1979) 495 - 510. Amino-sulphur-fluorine derivatives as fluoride ion donors: preparation of three- and four-coordinated cations of sulphur(IV) and (VI). R. Mews and H. Henle.

The authors have requested that the text order of this article be changed slightly, as follows:

Page 501: Wie bei den Schwefel(IV).....

to page 502: ..... oder Addukt bildet.

This part of the text should begin on page 499 after ..... Temperaturen nicht beobachtet., to run to page 500, being followed by eqn. 7.