

1480  
ED

$C_4F_8N_3P$

2,2-Difluoro-4,6-bis(trifluoromethyl)-  
1,3,5,2- $\lambda^5$ -triazaphosphorine

$C_{2v}$

$r_g$	$\text{\AA}^a$	$\theta^b$	deg <sup>a</sup>
P–N	1.579(10)	N–P–N	109.2(7)
N(1,2)–C(1)	1.299(7)	P–N–C <sup>c</sup>	118.1(9)
P–F	1.536(8)	C–N–C	119.6(7)
C–C	1.50 <sup>d</sup>	N–C–N <sup>c</sup>	127.5(12)
C–F	1.344(4)	N(1,2)–C(1)–C(2)	116.3(9)
		F–P–F	103.2(9)
		F–C–F	106.1(4)

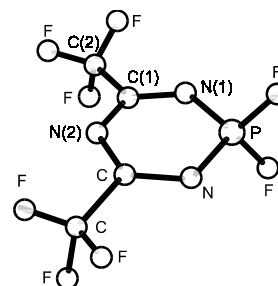
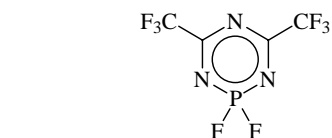
The  $CF_3$  groups were assumed to have  $C_{3v}$  symmetry with no tilt. The  $CF_3$  groups are staggered with respect to the C–N(1) bonds. The sample temperature was 15 °C.

<sup>a</sup>) Twice the estimated standard errors including the scale error.

<sup>b</sup>) Unidentified, possibly  $\theta_a$ .

<sup>c</sup>) Dependent parameter.

<sup>d</sup>) Assumed.



Meyer, M., Klingebiel, U., Kadel, J., Oberhammer, H.: Z. Naturforsch. **43b** (1988) 1010.