

1344  
ED

**C<sub>3</sub>H<sub>8</sub>N<sub>2</sub>**

***trans*-1,2-Dimethyldiaziridine**

**C<sub>2</sub> (skeleton)**

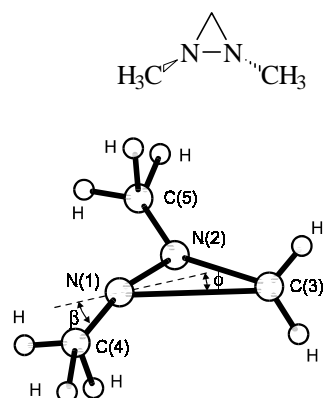
$r_a$	Å <sup>a)</sup>	$\theta_a$	deg <sup>a)</sup>
N–C(4,5)	1.445(3)	H–C(3)–H	121(6)
C(3)–N	1.489 <sup>c)</sup>	H–C(4,5)–N	108.5(12)
N–N	1.444 <sup>c)</sup>	$\beta$ <sup>b)</sup>	64.1(5)
C–H	1.108(9)	$\phi$ <sup>b)</sup>	30(39)

The two methyl groups are in *trans* position.  
The measurements were made at room temperature.

<sup>a)</sup> Three times the estimated standard errors.

<sup>b)</sup> See figure for definition.

<sup>c)</sup> Assumed.



Mastryukov, V.S., Dorofeeva, O.V., Vilkov, L.V., Golubinskii, A.V.: J. Mol. Struct. **32** (1976) 161.