

$r_a$	Å <sup>a)</sup>	b)	$\theta_a$	deg <sup>a)</sup>
C(5)=N(1)	1.335(2)	a	C(7)–C(5)–N(4)	126.5(37)
N(1)–N(2)	1.347	a	N(1)=C(5)–N(4)	113.2(47)
N(2)–N(3)	1.341	a	C(5)=N(1)–N(2)	102.0(9)
N(3)=N(4)	1.321	a	C(5)–C(7)=C(8)	127.2(30)
C(5)–N(4)	1.361	a	C(7)=C(8)–H	121.5 °)
C(7)=C(8)	1.348	a	N(2)–C(6)–H	110.0 °)
[N(2)–C, C(5)–C(7)] (mean)	1.459(9)		N(1)–N(2)–N(3) <sup>d)</sup>	112.0
C(8)–H	1.081(18)	b	N(2)–N(3)=N(4) <sup>d)</sup>	107.9
C(6)–H	1.091	b	N(3)=N(4)–C(5) <sup>d)</sup>	105.0

The molecule has planar *anti-trans* configuration of the C–N(2)–N(1)=C(5)–CH=C chain of atoms (see figure).

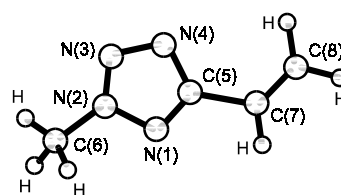
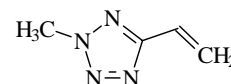
The nozzle temperatures were  $\approx 70$  and  $\approx 100$  °C.

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

<sup>b)</sup> For the groups of parameters a and b, only one value was varied in the least-squares analysis, and differences with the rest of the parameters were assumed.

<sup>c)</sup> Assumed.

<sup>d)</sup> Dependent angle.



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