$C_6S_2[CN]Cl_3$	*hP*78	(176) $P6_3/m$ – h^{13}

$C_7Cl_3NS_2$ [1]
Structural features: Planar $C_6S_2Cl_3CN$ molecules (a C_5 pentagon sharing an edge with a C_3S_2 pentagon, one Cl bonded to each non-bridging C of the former, a CN unit bonded to the non-bridging C of the latter) arranged in layers perpendicular to [001].

Rakitin O.A. et al. (1996) [1]
$C_7Cl_3NS_2$
a = 1.557, c = 0.6815 nm, c/a = 0.438, V = 1.4308 nm^3, Z = 6

site	Wyck.	sym.	x	y	z	occ.	atomic environment
C1	6*h*	*m*..	0.0	0.3546	$^1/_4$		coplanar triangle C_3
C2	6*h*	*m*..	0.0264	0.2764	$^1/_4$		coplanar triangle C_2S
C3	6*h*	*m*..	0.0721	0.5375	$^1/_4$		non-colinear NC
C4	6*h*	*m*..	0.0779	0.4485	$^1/_4$		coplanar triangle C_2S
Cl5	6*h*	*m*..	0.1448	0.0725	$^1/_4$		single atom C
S6	6*h*	*m*..	0.1512	0.315	$^1/_4$		non-colinear CS
S7	6*h*	*m*..	0.1962	0.4644	$^1/_4$		non-colinear CS
C8	6*h*	*m*..	0.2466	0.0587	$^1/_4$		coplanar triangle C_2Cl
C9	6*h*	*m*..	0.3478	0.1409	$^1/_4$		coplanar triangle C_2Cl
Cl10	6*h*	*m*..	0.3766	0.2613	$^1/_4$		single atom C
N11	6*h*	*m*..	0.3896	0.4618	$^1/_4$		single atom C
C12	6*h*	*m*..	0.4124	0.1056	$^1/_4$		coplanar triangle C_2Cl
Cl13	6*h*	*m*..	0.5393	0.1741	$^1/_4$		single atom C

Transformation from published data: *y*,*x*,-*z*; origin shift 0 0 $^1/_2$
Experimental: single crystal, diffractometer, X-rays, R = 0.032

Remarks: 4,5,6-trichlorocyclopenta-1,2-dithiole-3-carbonitrile.

References: [1] Rakitin O.A., Rees C.W., Williams D.J., Torroba T. (1996), J. Org. Chem. 61, 9178-9185.