$Sb[CNO]Cl_4$	*hP*48	(176) $P6_3/m$ – ih^6

$[SbCl_4NCO]_3$ [1]
Structural features: $C_3N_3O_3Sb_3Cl_{12}$ units (a (C_3N_3) hexagon with an O bonded to each C, sharing atoms with three surrounding $Sb(NOCl_4)$ octahedra) in a Mg-type (h.c.p.) arrangement.

Müller U. (1976) [1]
CCl_4NOSb
a = 1.167, c = 0.995 nm, c/a = 0.853, V = 1.1735 nm^3, Z = 6

site	Wyck.	sym.	*x*	*y*	*z*	occ.	atomic environment
Cl1	12*i*	1	0.0642	0.3761	0.0185		single atom Sb
Sb2	6*h*	*m*..	0.04351	0.36195	$^1/_4$		octahedron $ONCl_4$
Cl3	6*h*	*m*..	0.1845	0.0465	$^1/_4$		single atom Sb
N4	6*h*	*m*..	0.202	0.574	$^1/_4$		non-colinear C_2
O5	6*h*	*m*..	0.25	0.414	$^1/_4$		single atom C
C6	6*h*	*m*..	0.297	0.537	$^1/_4$		coplanar triangle ON_2
Cl7	6*h*	*m*..	0.5277	0.1364	$^1/_4$		single atom Sb

Transformation from published data: *y*,*x*,-*z*
Experimental: single crystal, diffractometer, X-rays, R = 0.036

References: [1] Müller U. (1976), Z. Anorg. Allg. Chem. 422, 141-148.