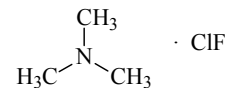


446 MW	C₃H₉ClFN	Trimethylamine – chlorine fluoride (1/1) <i>N,N</i> -Dimethylmethanamine – chlorine fluoride (1/1) (weakly bound complex)	C_{3v} or C₃ (effective symmetry class) (large-amplitude motion)
$\frac{r_0}{\text{N}\cdots\text{Cl}} \quad \text{\AA}^{\text{a})}$		$2.090(5)$	



The complex is of ionic form: $[(\text{CH}_3)_3\text{NCl}]^+\text{F}^-$, namely of the Mulliken inner type.

^a) Uncertainty was not estimated in the original paper.

Bloemink, H.I., Holloway, J.H., Legon, A.C.: Chem. Phys. Lett. **254** (1996) 59.