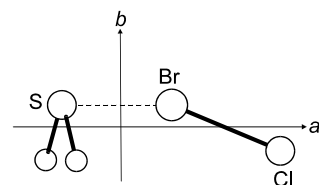


87 MW	BrClH₂S	Bromine chloride – hydrogen sulfide (1/1) (weakly bound complex)	C_s (effective symmetry class) (large-amplitude motion) BrCl · H ₂ S
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r_0	Å
S...Br	3.094(7)

The atoms S...Br–Cl are collinear or nearly so and the H₂S plane is approximately perpendicular to the S...Br–Cl axis. The intermolecular stretching force constant k_{σ} is estimated to be 12.17 N m⁻¹.



Bloemink, H.I., Legon, A.C.: Chem. Eur. J. **2** (1996) 265.