

Structure Data of Free Polyatomic Molecules

212	HIKr	Hydrogen iodide – krypton (1/1)	C_s
MW		(weakly bound complex)	(effective symmetry class)
			(large-amplitude motion)
			HI · Kr

r_0	Å	θ_0	deg
R_{cm}	4.0526(1) ^{a)}	Kr...I–H	152.87(1) ^{a)}
	4.0195(1) ^{b)}		158.85(1) ^{b)}

^{a)} For ⁸⁴Kr · IH.

^{b)} For ⁸⁴Kr · ID.

McIntosh, A., Lin, P., Lucchese, R.R., Bevan, J.W., Brugh, D.J., Suenram, R.D.: Chem. Phys. Lett. **331** (2000) 95.