

Structure Data of Free Polyatomic Molecules

104 MW	Br ₂ O		Dibromine monoxide		C _{2v} Br ₂ O
	r_0	Å	θ_0	deg	
	Br–O	1.8429(20)	Br–O–Br	112.24(20)	
	r_z	Å	θ_z	deg	
	Br–O	1.84333(5)	Br–O–Br	112.249(5)	
	r_e^a	Å ^{b)}	θ_e^a	deg ^{b)}	
	Br–O	1.83786(5)	Br–O–Br	112.249(5)	

^{a)} Estimated from r_z .

^{b)} Uncertainty was not estimated in the original paper.

Müller, H.S.P., Cohen, E.A.: J. Chem. Phys. **106** (1997) 8344.