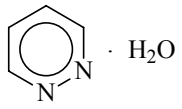
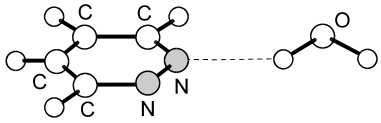
532 **$C_4H_6N_2O$** **Pyridazine – water (1/1)** **C_s**
MW (weakly bound complex) (effective symmetry class)
(large-amplitude motion)



r_0	Å	θ_0	deg
N...O	2.966(3)	N–N...O	153.8(3)
R_{cm}	4.08(1) [a])	N...H–O	180 – 10(2)

Atom	$\|a_s\|$ [Å]	$\|b_s\|$ [Å]	$\|c_s\|$ [Å]
O	3.385	0.12	0.06



The derived moments of inertia are consistent with a planar structure of the adduct in which one hydrogen of the water molecule is bound to the nitrogen of the aromatic ring, and the "free" water hydrogen is *entgegen* to the ring.

[a]) Uncertainty was not estimated in the original paper.

Caminati, W., Moreschini, P., Favero, P.G.: J. Phys. Chem. A **102** (1998) 8097.