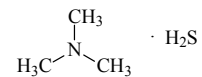


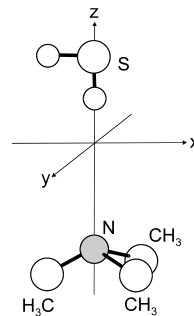
459  
MW

 $\text{C}_3\text{H}_{11}\text{NS}$ 
**Trimethylamine – hydrogen sulfide (1/1)**
 $\text{C}_{3v}$ 
*N,N*-Dimethylmethanamine –  
hydrogen sulfide (1/1)  
(weakly bound complex)

 (effective symmetry class)  
(large-amplitude motion)


$r_0$	$\text{\AA}$
S...N	3.36(5)

The spectra are characteristic of a symmetric top, and are indicative of free internal rotation of  $\text{H}_2\text{S}$  about the trimethylamine symmetry axis.


 Tubergen, M.J., Flad, J.E., Del Bene, J.E.: J. Chem. Phys. **107** (1997) 2227.