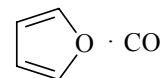


629 MW	C₅H₄O₂	Furan – carbon monoxide (1/1) (weakly bound complex)	C_s (effective symmetry class) (large-amplitude motion)
------------------	--	--	--



Due to a large-amplitude motion of the CO subunit between two equivalent minima, the observed rotational transitions were split into two components. Their center frequencies were compatible with an asymmetric rotor with CO located above the plane of furan. The effective internal-rotation potential barrier parameters are $V_2 = -73.7023 \text{ cm}^{-1}$ and $V_3 = -12.229 \text{ cm}^{-1}$.

Brupbacher, T., Makarewicz, J., Bauder, A.: J. Chem. Phys. **108** (1998) 3932.