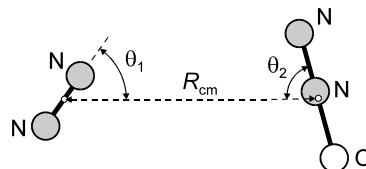


312 MW	N₄O	Dinitrogen – dinitrogen monoxide (1/1) (weakly bound complex)	C_{2v} (effective symmetry class) (large-amplitude motion) N ₂ · N ₂ O
-----------	-----------------------	---	--

r_0	Å ^{a)}	θ_0	deg ^{a)}
R_{cm}	3.691(3)	$\theta_1^{\text{b)}}$	13(1)
		$\theta_2^{\text{b)}}$	81(1)

The observed spectroscopic constants are consistent with a T-shaped structure, with ¹⁵N₂ forming the leg of the T.



^{a)} Four possible structures were reported for ¹⁵N₂ · ¹⁴N₂O, but the most plausible one is listed in the table. Uncertainties were not estimated in the original paper.

^{b)} See figure for the definition.

Leung, H.O.: J. Chem. Phys. **110** (1999) 4394.

[II/25A\(2, 844\)](#)