

1703
MW

C₄H₇NO

3-Methoxypropionitrile
3-Methoxypropanenitrile

C_s (all *trans*)
N≡C–CH₂–CH₂–O–CH₃

r_0	Å ^{a)}	θ_0	deg ^{a)}
N≡C(1)	1.157 ^{b)}	N≡C(1)–C(2)	180 ^{b)}
C(1)–C(2)	1.458 ^{b)}	C(1)–C(2)–C(3)	110.30(50)
C(2)–C(3)	1.548 ^{b)}	C(2)–C(3)–O	107.95(50)
C(3)–O	1.404 ^{b)}	C(3)–O–C(4)	111.62(50)
O–C(4)	1.415 ^{b)}	C(1)–C(2)–H	109.25 ^{b)}
C–H	1.091 ^{b)}	C(2)–C(3)–H	110.37 ^{b)}
		O–C(4)–H(a)	111.0 ^{b)}
		O–C(4)–H(s)	107.68 ^{b)}

^{a)} Uncertainties were not estimated in the original paper.

^{b)} Assumed.

Lowe, R.S., Kewley, R.: J. Mol. Spectrosc. **63** (1976) 216.

