

1491
MW

C₄H

1,3-Butadiynyl

C_{∞v}
HC≡C–C≡C

	r_0 [Å]	r_s [Å]	r_e [Å] ^{a)}
C≡C	1.227(3)	1.224(3)	1.213(1)
C–C	1.359(3)	1.359(3)	1.372(1)
C≡C(H)	1.211(3)	1.215(3)	1.208(1)
C–H	1.055(5)	1.055(5)	1.062(1)

^{a)} r_e structure estimated by combining both experimental and theoretical results.

McCarthy, M.C., Gottlieb, C.A., Thaddeus, P., Horn, M., Botschwina, P.: J. Chem. Phys. **103** (1995) 7820.