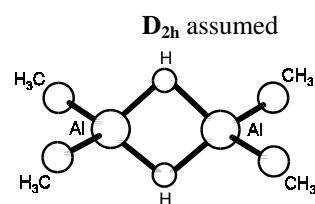


1865
ED

C₄H₁₄Al₂

Dimethylaluminum hydride dimer

r_a	Å ^{a)}	θ_a	deg ^{a)}
C–H	1.117(5)	Al–C–H	108.8(17)
Al–C	1.947(3)	C–Al–C	118.5(9)
Al–H	1.676(19)	H–Al–H	77.4(16)
Al...Al	2.617(6)		



It was assumed that the methyl groups have C_{3v} symmetry, no tilt and staggered conformation with respect to the Al–C bonds.

The nozzle temperature was 170 °C.

^{a)} Estimated standard errors.

Almenningen, A., Anderson, G.A., Forgaard, F.R., Haaland, A.: Acta Chem. Scand. **26** (1972) 2315.

See also: Anderson, G.A., Almenningen, A., Forgaard, F.R., Haaland, A.: J. Chem. Soc. D., Chem. Commun. (1971) 480.