

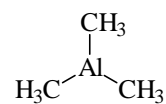
1363
ED

C₃H₉Al

Trimethylaluminum

D_{3h} (skeleton)

r_a	\AA^a	θ_a	deg^a
C–H	1.113(3)	Al–C–H	111.7(5)
Al–C	1.957(3)	C–Al–C	120 ^b



The methyl groups are rotating freely.
The nozzle temperature was 215 °C.

^a) Estimated standard errors.

^b) Assumed.

Almenningen, A., Halvorsen, S., Haaland, A.: Acta Chem. Scand. **25** (1971) 1937.

See also: Almenningen, A., Halvorsen, S., Haaland, A.: Chem. Commun. (1969) 644.