



>>Entry Name: Chloro(2-methyl-2-propenyl)magnesium, 11Cl, 9Cl

Synonym(s): Chloro(2-methylallyl)magnesium, 8Cl. Methallylmagnesium chloride

CAS Registry Number: 5674-01-1

$\text{H}_2\text{C}=\text{C}(\text{Me})\text{CH}_2\text{MgCl}$

Molecular Formula: $\text{C}_4\text{H}_7\text{ClMg}$

Molecular Weight: 114.857

Accurate Mass: 114.008669

Percentage Composition: C 41.83%; H 6.14%; Cl 30.87%; Mg 21.16%

Use/Importance: Grignard reagent. May be regarded as acetone enolate equiv.

Physical Description: Not isol. No phys. props. reported

Aldrich: 41953-2

References:

Kharasch, M.S. *et al.*, *Grignard Reactions of Nonmetallic Substances*, Prentice Hall, 1954, (rev)

Eggerer, H. *et al.*, *Annalen*, 1960, **630**, 58, (synth, reactions)

Lion, C. *et al.*, *Bull. Soc. Chim. Fr.*, 1976, 1875, (synth, reactions)

Bunnelle, W.H. *et al.*, *J.O.C.*, 1987, **52**, 1602, (synth, reactions)

Bogdanovic, B. *et al.*, *Chem. Ber.*, 1990, **123**, 1507, (synth)

Baker, K.V. *et al.*, *J.O.C.*, 1991, **56**, 698, (synth)