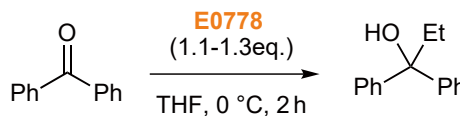
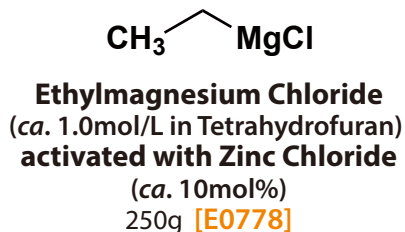


Grignard Reagents

Highly Efficient Alkylating Agent

The alkylation of ketones and aldimines proceeds efficiently by the addition of ZnCl_2 .

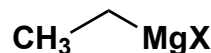


Reference M. Hatano, S. Suzuki, K. Ishihara, *J. Am. Chem. Soc.* **2006**, 128, 9998.
<https://doi.org/10.1021/ja0628405>

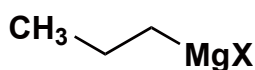
Other Grignard Reagents



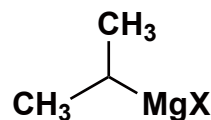
- X = Br Methylmagnesium Bromide**
 (12% in Tetrahydrofuran, ca. 1mol/L) 250g [M0362]
 (35% in Ethyl Ether, ca. 3mol/L) 250g [M0785]
 (ca. 30% in 2-Methyltetrahydrofuran, ca. 3mol/L) 250g [M2237]
X = I Methylmagnesium Iodide
 (33% in Ethyl Ether, ca. 2mol/L) 100g [M0364]



- X = Cl Ethylmagnesium Chloride**
 (ca. 18% in Tetrahydrofuran, ca. 2mol/L) 250g [E0135]
X = Br Ethylmagnesium Bromide
 (13% in Tetrahydrofuran, ca. 1mol/L) 250g [E0497]
 (39% in Ethyl Ether, ca. 3mol/L) 250g [E0134]



- X = Br Propylmagnesium Bromide**
 (27% in Tetrahydrofuran, ca. 2mol/L) 250g [P0880]



- X = Cl Isopropylmagnesium Chloride**
 (ca. 11% in Tetrahydrofuran, ca. 1mol/L) 250g [I0543]
 (ca. 13% in Ethyl Ether, ca. 1mol/L) 250g [I0542]
X = Br Isopropylmagnesium Bromide
 (15% in Tetrahydrofuran, ca. 1mol/L) 250g [I0518]



- X = Cl**
n = 3 Butylmagnesium Chloride
 (23% in Tetrahydrofuran, ca. 2mol/L) 250g [B0726]

- X = Br**
n = 3 Butylmagnesium Bromide
 (ca. 16% in Tetrahydrofuran, ca. 1mol/L) 250g [B6043]

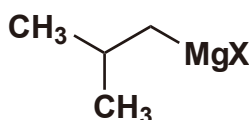
- n = 4 Pentylmagnesium Bromide**
 (18% in Tetrahydrofuran, ca. 1mol/L) 250g [P1177]

- n = 5 Hexylmagnesium Bromide**
 (20% in Tetrahydrofuran, ca. 1mol/L) 250g [H0821]

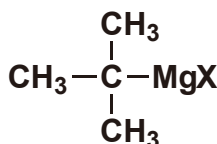
- n = 6 Heptylmagnesium Bromide**
 (21% in Tetrahydrofuran, ca. 1mol/L) 250g [H0822]

- n = 7 n-Octylmagnesium Bromide**
 (ca. 22% in Tetrahydrofuran, ca. 1mol/L) 250g [O0240]

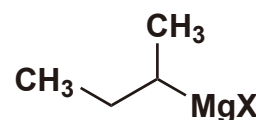
- n = 14 Pentadecylmagnesium Bromide**
 (ca. 15% in Tetrahydrofuran, ca. 0.4mol/L) 250g [P1251]



- X = Br Isobutylmagnesium Bromide**
 (17% in Tetrahydrofuran, ca. 1mol/L) 250g [I0517]



- X = Cl tert-Butylmagnesium Chloride**
 (23% in Tetrahydrofuran, ca. 2mol/L) 250g [B1148]
 (26% in Ethyl Ether, ca. 2mol/L) 250g [B1147]



- X = Br sec-Butylmagnesium Bromide**
 (ca. 16% in Tetrahydrofuran, ca. 1mol/L) 100g [B1884]

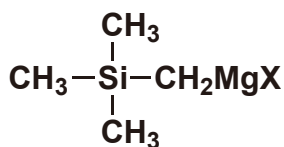


- X = Cl Allylmagnesium Chloride**
 (ca. 11% in Tetrahydrofuran, ca. 1.0mol/L) 100g [A1554]
X = Br Allylmagnesium Bromide
 (ca. 13% in Ethyl Ether, ca. 0.7mol/L) 100mL [A0963]



- X = Br Vinylmagnesium Bromide**
 (14% in Tetrahydrofuran, ca. 1mol/L) 100g [V0053]

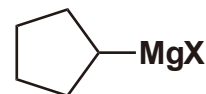
Grignard Reagents



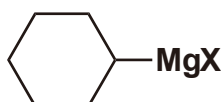
X = Cl Trimethylsilylmethylmagnesium Chloride
(ca. 18% in Tetrahydrofuran, ca. 1mol/L)
100mL [T2609]
(20% in Ethyl Ether, ca. 1mol/L)
100mL [T1451]



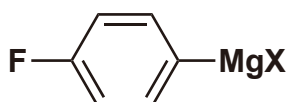
X = Br Cyclopropylmagnesium Bromide
(ca. 10% in Tetrahydrofuran, ca. 0.7mol/L)
100g [C2039]



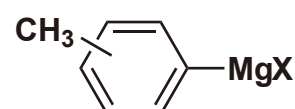
X = Br Cyclopentylmagnesium Bromide
(ca. 18% in Tetrahydrofuran, ca. 1mol/L)
100g [C1505]



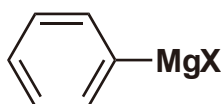
X = Br Cyclohexylmagnesium Bromide
(ca. 18% in Tetrahydrofuran, ca. 1mol/L)
100g [C1504]



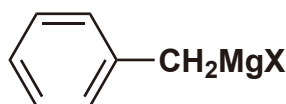
X = Br 4-Fluorophenylmagnesium Bromide
(ca. 19% in Tetrahydrofuran, ca. 1.0mol/L)
250g [F0673]



X = Br o-Tolylmagnesium Bromide
(ca. 17% in Tetrahydrofuran, ca. 0.9mol/L)
100g [T1698]



X = Cl Phenylmagnesium Chloride
(27% in Tetrahydrofuran, ca. 2mol/L)
250g [P1381]



X = Cl Benzylmagnesium Chloride
(ca. 16% in Tetrahydrofuran, ca. 1mol/L)
250g [B1933]

X = Br Phenylmagnesium Bromide
(16% in Tetrahydrofuran, ca. 1mol/L)
250g [P2025]

X = Br Benzylmagnesium Bromide
(ca. 18% in Tetrahydrofuran, ca. 0.9mol/L)
100g [B3976]

X = I Phenylmagnesium Iodide
(ca. 42% in Ethyl Ether, ca. 2mol/L)
250g [P0191]

m-Tolylmagnesium Bromide
(19% in Tetrahydrofuran, ca. 1mol/L)
100g [T1699]

p-Tolylmagnesium Bromide
(19% in Tetrahydrofuran, ca. 1mol/L)
100g [T1700]

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