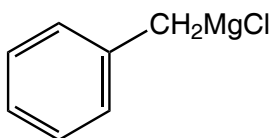


Grignard Reagents in 2-MeTHF

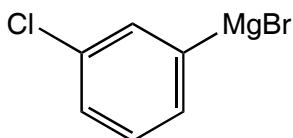
Alfa Aesar offers Grignard reagents in 2-Methyltetrahydrofuran (2-MeTHF), a cost-effective, green alternative to Tetrahydrofuran.

2-MeTHF is derived from renewable resources such as corn cobs and oat hulls, and is capable of producing high concentrations of bromo, benzyl and allyl Grignard reagents. The higher boiling point of 2-MeTHF (80 C) versus THF (66 C) allows for higher reaction temperatures, reducing loss of solvent. 2-MeTHF quickly produces clean water phase splits without forming emulsions. Unlike THF, it is very stable even in highly acidic environments, and it forms an effective azeotrope with water. Given these properties of 2-MeTHF, this range of Grignard reagents will allow easier processing and work up.

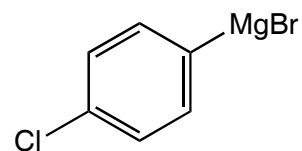
The following Grignard reagents in 2-MeTHF are a selection of our current listings. Additional products can be found on the reverse side.



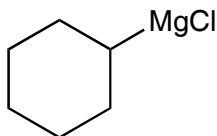
H51154
Benzylmagnesium chloride,
1M in 2-MeTHF
CAS 6921-34-2



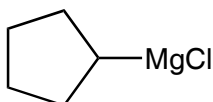
H51161
3-Chlorophenylmagnesium bromide,
1M in 2-MeTHF
CAS 36229-42-2



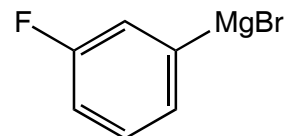
H51163
4-Chlorophenylmagnesium bromide,
1M in 2-MeTHF
CAS 873-77-8



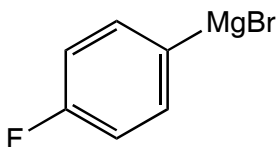
H51165
Cyclohexylmagnesium chloride,
1M in 2-MeTHF
CAS 931-51-1



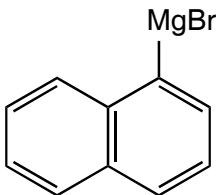
H51166
Cyclopentylmagnesium chloride,
1M in 2-MeTHF
CAS 32916-51-1



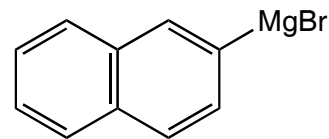
H51168
3-Fluorophenylmagnesium bromide,
1M in 2-MeTHF
CAS 17318-03-5



H51169
4-Fluorophenylmagnesium bromide,
1M in 2-MeTHF
CAS 352-13-6



H51159
1-Naphthylmagnesium bromide,
0.5M in 2-MeTHF
CAS 703-55-9



H51160
2-Naphthylmagnesium bromide,
0.25M in 2-MeTHF
CAS 21473-01-8

Grignard Reagents in 2-MeTHF

| Item | Description | CAS # |
|--------|---|-------------|
| H51170 | Allylmagnesium chloride, 1M in 2-MeTHF | 2622-05-1 |
| H54849 | 2-Bromobenzylmagnesium bromide, 0.25M in 2-MeTHF | 56812-60-3 |
| H54379 | 3-Bromobenzylmagnesium bromide, 0.25M in 2-MeTHF | 107549-22-4 |
| H54645 | 4-Bromobenzylmagnesium bromide, 0.25M in 2-MeTHF | 92206-72-9 |
| H54540 | 4-Bromo-2-fluorobenzylmagnesium bromide, 0.25M in 2-MeTHF | |
| H51171 | 2-Butenylmagnesium chloride, 0.5M in 2-MeTHF | 22649-70-3 |
| H51164 | tert-Butylmagnesium chloride, 1M in 2-MeTHF | 677-22-5 |
| H54820 | 2-Chlorobenzylmagnesium chloride, 0.50M in 2-MeTHF | 29874-00-8 |
| H54237 | 3-Chlorobenzylmagnesium chloride, 0.50M in 2-MeTHF | 29874-01-9 |
| H54625 | 4-Chlorobenzylmagnesium chloride, 0.50M in 2-Me-THF | 874-72-6 |
| H54799 | 2-Chloro-4-fluorobenzylmagnesium chloride, 0.25M in 2-MeTHF | |
| H54643 | 2-Chloro-6-fluorobenzylmagnesium chloride, 0.25M in 2-MeTHF | |
| H54639 | 3-Chloro-2-fluorobenzylmagnesium bromide, 0.25M in 2-MeTHF | |
| H54242 | 3-Chloro-4-fluorobenzylmagnesium bromide, 0.25M in 2-MeTHF | |
| H54480 | 4-Chloro-2-fluorobenzylmagnesium bromide, 0.25M in 2-MeTHF | |
| H51158 | Cyclopropylmagnesium bromide, 0.5M in 2-MeTHF | 23719-80-4 |
| H54858 | 2,3-Dichlorobenzylmagnesium chloride, 0.25M in 2-MeTHF | 946491-90-3 |
| H54159 | 2,4-Dichlorobenzylmagnesium chloride, 0.25M in 2-MeTHF | 129752-86-9 |
| H54707 | 2,5-Dichlorobenzylmagnesium chloride, 0.25M in 2-MeTHF | 213627-19-1 |
| H54087 | 2,6-Dichlorobenzylmagnesium chloride, 0.25M in 2-MeTHF | 213627-20-4 |
| H54133 | 3,4-Dichlorobenzylmagnesium chloride, 0.25M in 2-MeTHF | 61259-69-6 |
| H54734 | 3,5-Dichlorobenzylmagnesium chloride, 0.25M in 2-MeTHF | 107549-25-7 |
| H54671 | 2,3-Difluorobenzylmagnesium bromide, 0.25M in 2-MeTHF | |
| H54966 | 2,4-Difluorobenzylmagnesium bromide, 0.25M in 2-MeTHF | 546122-71-8 |
| H54749 | 2,5-Difluorobenzylmagnesium bromide, 0.25M in 2-MeTHF | 522651-57-6 |
| H54189 | 2,6-Difluorobenzylmagnesium bromide, 0.25M in 2-MeTHF | 107549-26-8 |
| H54312 | 3,4-Difluorobenzylmagnesium bromide, 0.25M in 2-MeTHF | 738580-43-3 |
| H54427 | 3,5-Difluorobenzylmagnesium bromide, 0.25M in 2-MeTHF | |
| H51172 | 1-Dodecylmagnesium bromide, 0.5M in 2-MeTHF | 15890-72-9 |
| H54881 | 2-Fluorobenzylmagnesium chloride, 0.50M in 2-MeTHF | 120608-58-4 |
| H54485 | 3-Fluorobenzylmagnesium chloride, 0.50M in 2-MeTHF | 64168-34-9 |
| H54990 | 4-Fluorobenzylmagnesium chloride, 0.50M in 2-MeTHF | 1643-73-8 |
| H51167 | 1-Hexylmagnesium chloride, 1M in 2-MeTHF | 44767-62-6 |
| H51155 | Isopropylmagnesium chloride, 1M in 2-MeTHF | 1068-55-9 |
| H51156 | Isopropylmagnesium chloride - LiCl complex, 1M in 2-MeTHF | 807329-97-1 |
| H54879 | Neopentylmagnesium chloride, 1.0M in 2-MeTHF | 13132-23-5 |
| H51157 | Phenylmagnesium chloride, 1M in 2-MeTHF | 100-59-4 |