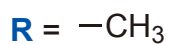
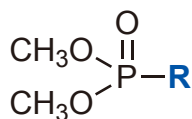


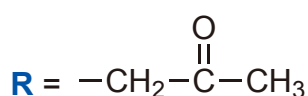
# Horner-Emmons Reagents



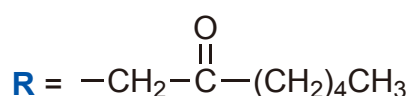
25g  
[M0943]



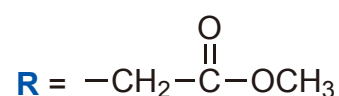
5g / 25g  
[H0779]



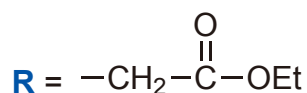
5g / 25g  
[O0208]



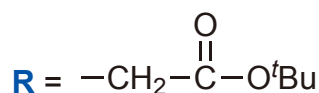
1g / 5g  
[D4244]



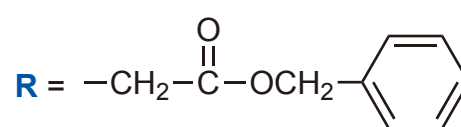
25g / 250g  
[P1265]



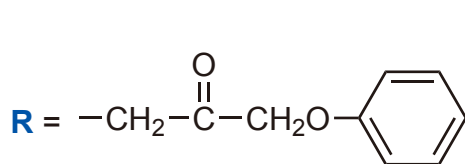
25g  
[E1160]



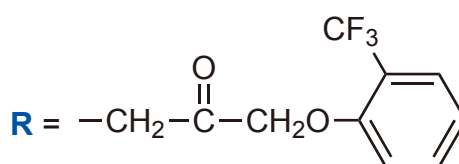
5g / 25g  
[B5094]



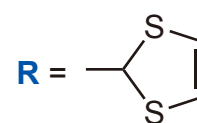
1g / 5g  
[B2815]



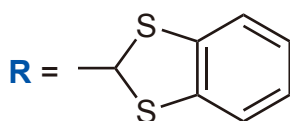
200mg / 1g  
[D4408]



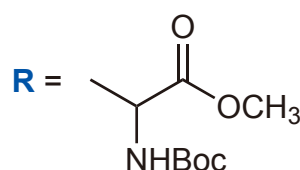
1g  
[D4397]



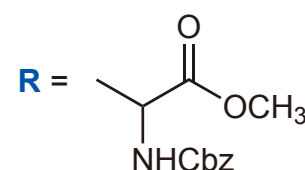
1g / 5g  
[D3981]



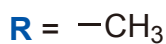
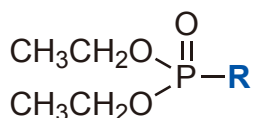
1g  
[D3992]



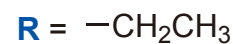
1g / 5g  
[B4011]



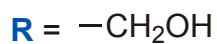
5g / 25g  
[F0331]



5g / 25g  
[D3827]



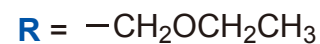
25g  
[E0483]



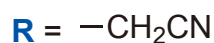
25g / 100g  
[D3813]



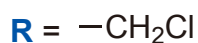
5g / 25g  
[D3873]



5g / 25g  
[D5095]



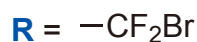
5g / 25g  
[C1430]



1g / 5g  
[D4588]



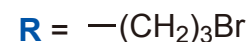
5g / 25g  
[D4607]



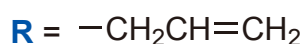
5g / 25g  
[D3071]



5g / 25g  
[B1781]



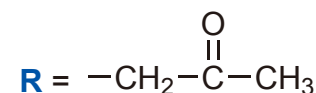
1g / 5g  
[D4434]



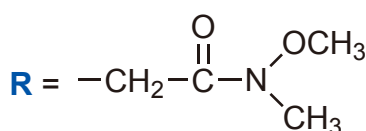
1g / 5g  
[D3069]



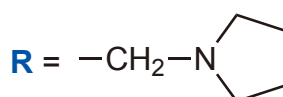
5g / 25g  
[M1208]



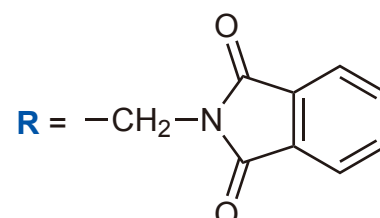
5g / 25g  
[D3174]



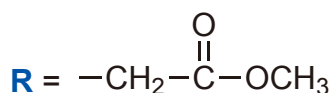
1g / 5g  
[D3708]



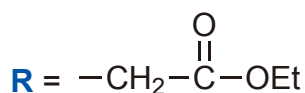
5g  
[P1258]



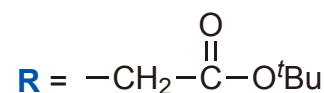
5g / 25g  
[P1193]



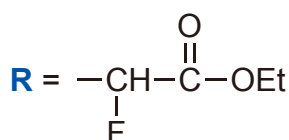
5g / 25g  
[D2873]



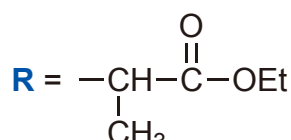
25g / 100g / 500g  
[D1523]



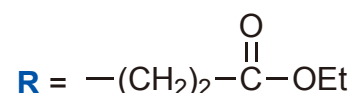
1g / 5g  
[B2814]



1g / 5g  
[F0340]

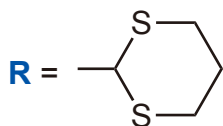


5g / 25g  
[T2135]

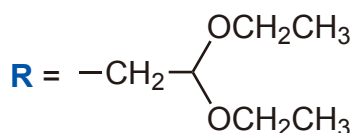


25g / 250g  
[D1524]

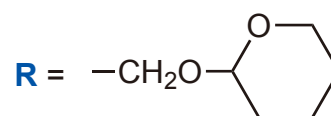
## Horner-Emmons Reagents



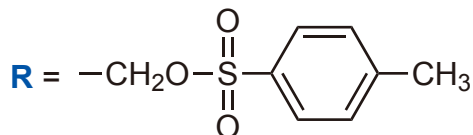
5g  
[D4074]



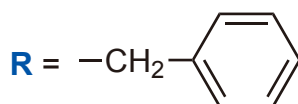
5g / 25g  
[D2423]



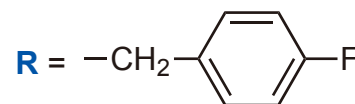
200mg / 1g  
[D4611]



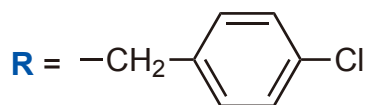
25g  
[D4968]



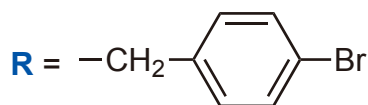
25g  
[B1795]



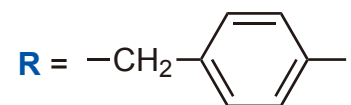
5g / 25g  
[D3324]



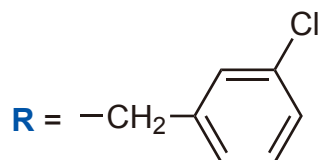
25g  
[M1326]



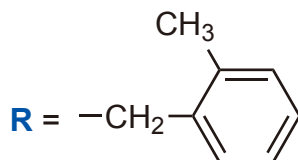
5g / 25g  
[D3688]



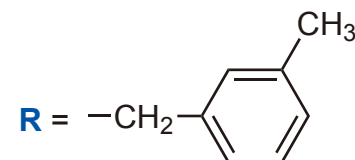
5g / 25g  
[D3689]



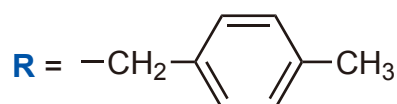
1g / 5g  
[C1595]



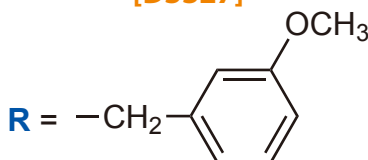
5g / 25g  
[D3327]



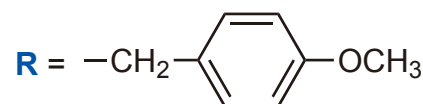
5g / 25g  
[D3328]



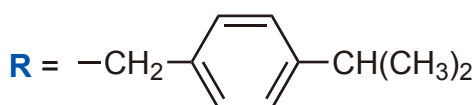
5g / 25g  
[D3336]



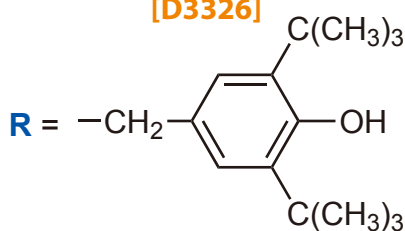
5g / 25g  
[D3326]



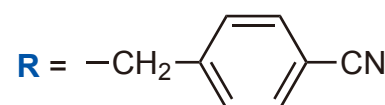
5g / 25g  
[D4000]



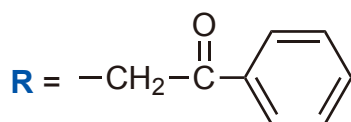
5g  
[D3325]



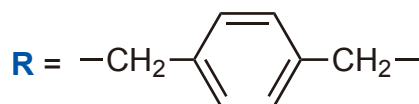
1g / 5g  
[D2967]



5g / 25g  
[D3323]



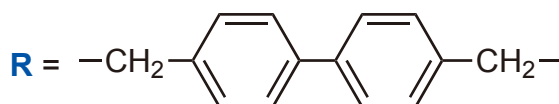
1g / 5g  
[D3339]



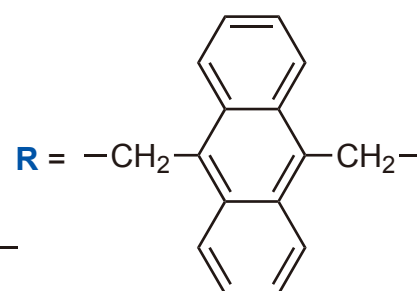
5g / 25g / 100g  
[T1582]



5g  
[T2294]

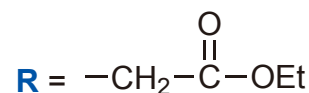
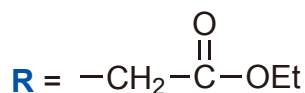
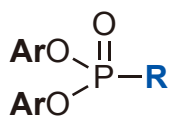


1g / 5g  
[B1923]



1g / 5g  
[B2801]

# Horner-Emmons Reagents

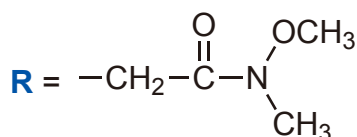


Ar = Ph

1g / 5g  
[D2547]

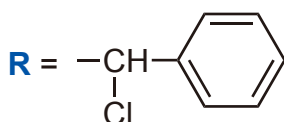
Ar = *o*-Tolyl

1g  
[D2548]



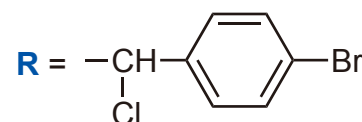
Ar = Ph

1g / 5g  
[D3709]



Ar = Ph

1g / 5g  
[D3824]



Ar = Ph

5g / 25g  
[D3875]

## Z-selective Horner-Emmons Reaction



| Reagent | R                                       | Yield (%) | (Z :E) |
|---------|---|-----------|--------|
| D2547   | Ph                                      | 98        | 93:7   |
|         | <i>n</i> C <sub>7</sub> H <sub>15</sub> | 100       | 90:10  |
| D2548   | Ph                                      | 100       | 96:4   |
|         | <i>n</i> C <sub>7</sub> H <sub>15</sub> | 97        | 94:6   |

K. Ando, *Tetrahedron Lett.* **1995**, 36, 4105; K. Ando, *J. Org. Chem.* **1997**, 62, 1934.

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horner emmons



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