

Cyanation Reagents

KCN

Potassium Cyanide
25g
[P1613]

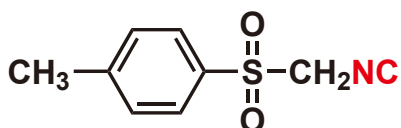
Kolbe Nitrile Synthesis



CuCN

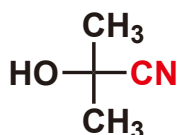
Copper(I) Cyanide
25g / 300g
[C1952]

Sandmeyer Cyanation



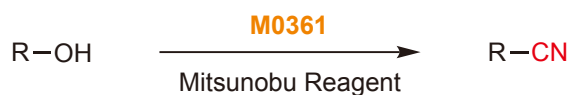
p-Toluenesulfonylmethyl
Isocyanide (TosMIC)
5g / 25g
[T1046]

Van Leusen Reaction

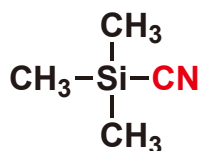


Acetone Cyanohydrin
25mL / 500mL
[M0361]

Cyanation under Mitsunobu Condition

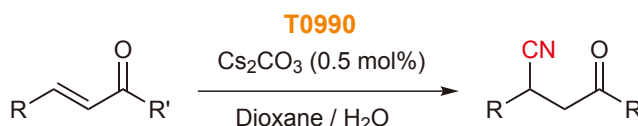


T. Tsunoda, K. Uemoto, C. Nagino, M. Kawamura, H. Kaku, S. Ito, *Tetrahedron Lett.* **1999**, 40, 7355.

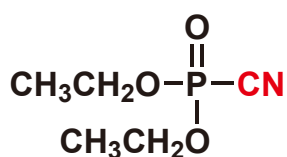


Trimethylsilyl Cyanide (TMSCN)
25mL / 100mL / 500mL
[T0990]

1,4-Addition of TMSCN

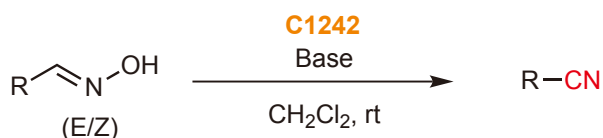


J. Yang, Y. Shen, F.-X. Chen, *Synthesis*, **2010**, 1325.

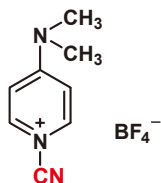


Diethyl Cyanophosphonate
5g / 25g
[C1242]

Conversion of Aldoximes to Nitriles

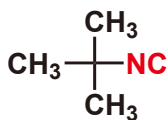


K. Lee, H.-S. An, C.-Y. Hwang, *Bull. Korean Chem. Soc.* **2012**, 33, 3173.



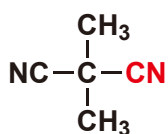
1-Cyano-4-(dimethylamino)-pyridinium Tetrafluoroborate

100mg
[C2348]



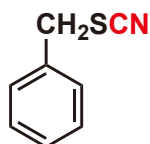
tert-Butyl Isocyanide

5mL / 25mL
[B1274]



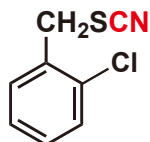
Dimethylmalononitrile

5g
[D5514]



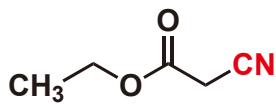
Benzyl Thiocyanate

25g / 500g
[T0198]



2-Chlorobenzyl Thiocyanate

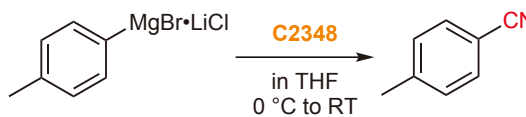
1g / 5g
[C3003]



Ethyl Cyanoacetate

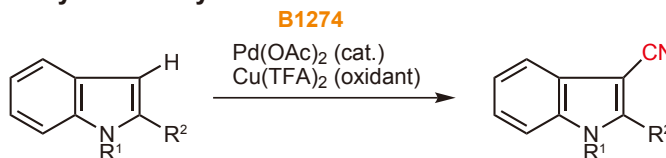
25g / 500g
[C0441]

Electrophilic Cyanation of Grignard Reagents



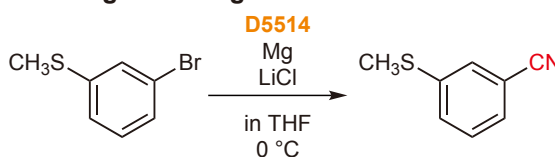
P. Anbarasan, H. Neumann, M. Beller, *Chem. Eur. J.* **2010**, *16*, 4725.

Pd-catalyzed C-H Cyanation



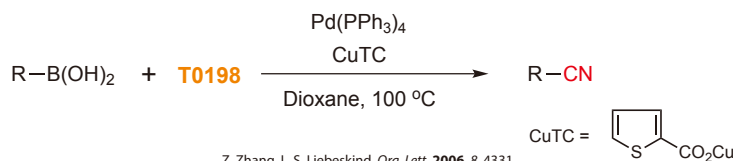
J. Peng, J. Zhao, Z. Hu, D. Liang, J. Huang, Q. Zhu, *Org. Lett.* **2012**, *14*, 4966.

Cyanation of Grignard Reagents



H. L. Li, Y. Kuninobu, M. Kanai, *Angew. Chem. Int. Ed.* **2017**, *56*, 1495.

Pd-catalyzed Cross-coupling Cyanation using Boronic Acids



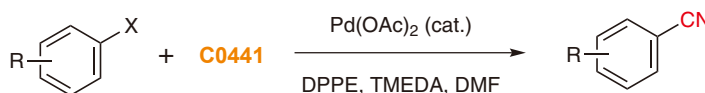
Z. Zhang, L. S. Liebeskind, *Org. Lett.* **2006**, *8*, 4331.

Synthesis of Arylmalononitriles from Arylacetonitriles



W. A. Davis, M. P. Cava, *J. Org. Chem.* **1983**, *48*, 2774.

Pd-catalyzed Cyanation of Aryl Halides



S. Zheng, C. Yu, Z. Shen, *Org. Lett.* **2012**, *14*, 3644.

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