

calcium cyanide $\rightarrow$ $\text{N}\equiv\text{K}$	
Yield	Conditions & References
	With potassium sulfate Hene; Braeuer-D'Ans; vol. 3; p. 686 Hene; Chem. Zentralbl.; vol. 97; nb. I; (1926); p. 3362 Patent; Hene; DE427156

lime/chalk/nitrogen $\rightarrow$ $\text{N}\equiv\text{K}$ + calcium cyanide	
Yield	Conditions & References
	With KCl DEGUSSA; Braeuer D'Ans; vol. 3; p. 688 DEGUSSA; Chem. Zentralbl.; vol. 98; nb. II; (1927); p. 168 Patent; DEGUSSA; DE443455

potassium ferro cyanide $\rightarrow$ $\text{N}\equiv\text{O}^{\ominus} \text{K}^+$ + $\text{N}\equiv\text{K}$	
Yield	Conditions & References
	With K_2CO_3 Clemm; Justus Liebigs Annalen der Chemie; vol. 61; p. 250 Haidlen; Fresenius; Justus Liebigs Annalen der Chemie; vol. 43; p. 130 Liebig; Justus Liebigs Annalen der Chemie; vol. 41; p. 285

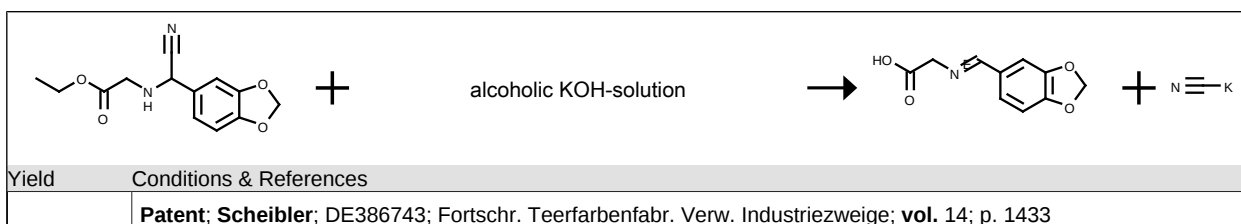
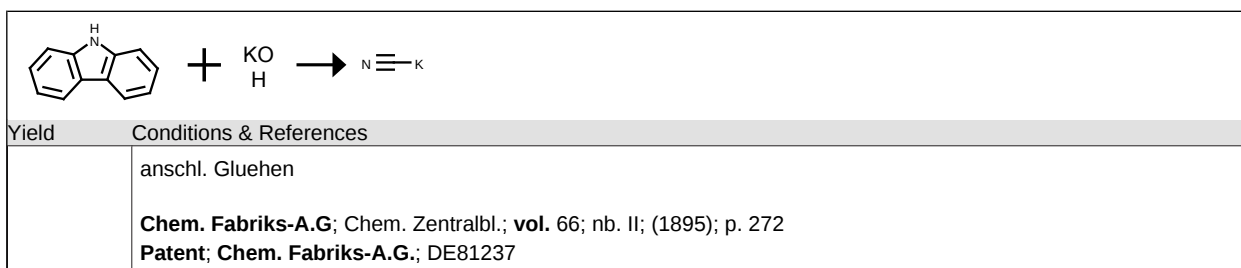
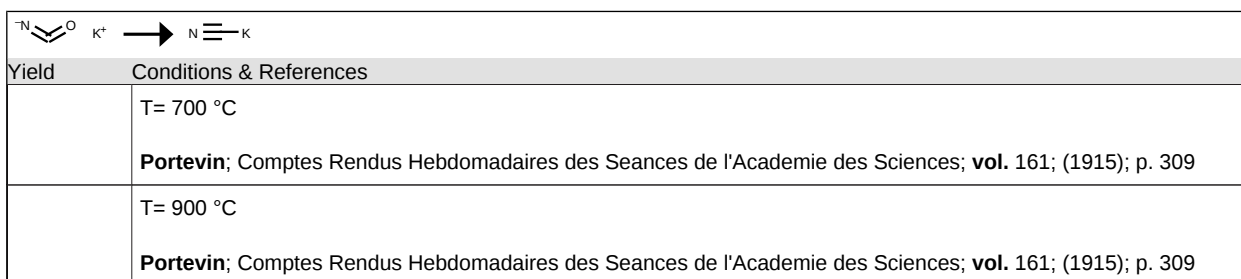
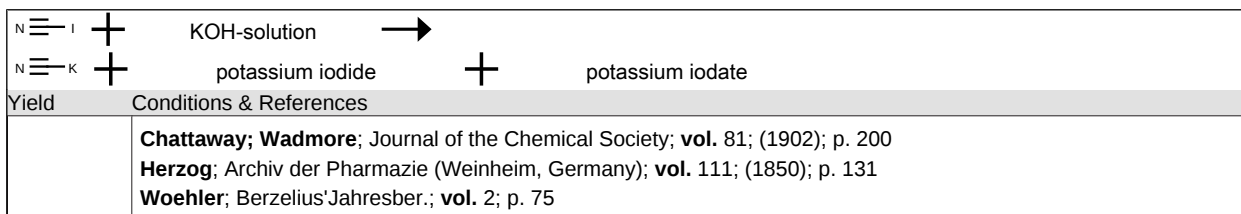
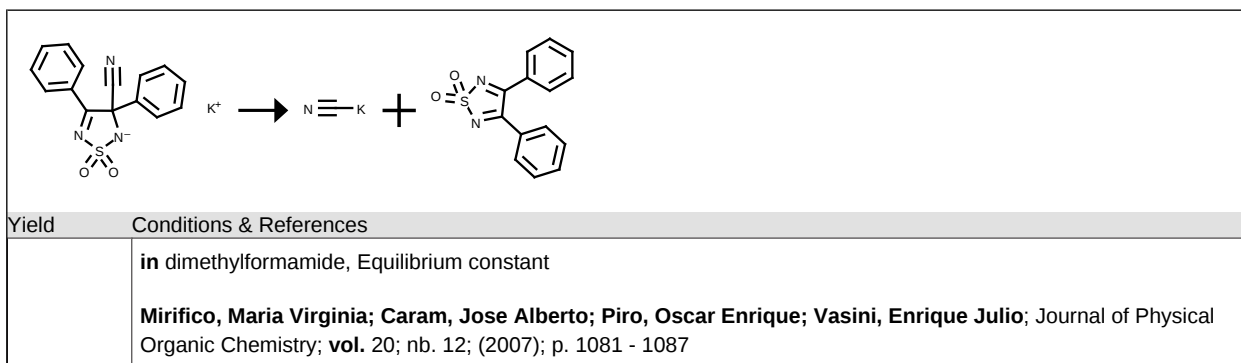
$\text{N}\equiv\text{N} \rightarrow \text{N}\equiv\text{K}$	
Yield	Conditions & References
	With alcohol, KOH Wiggers; Justus Liebigs Annalen der Chemie; vol. 29; p. 65

potassium ferro cyanide $\rightarrow$ $\text{N}\equiv\text{Na}$ + $\text{N}\equiv\text{K}$	
Yield	Conditions & References
	With sodium Erlenmeyer; Chemische Berichte; vol. 9; p. 1840

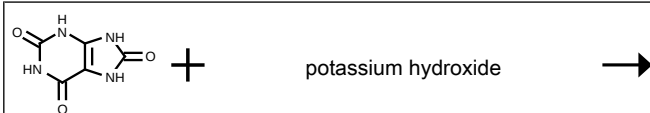
potassium ferro cyanide $\rightarrow$ $\text{N}\equiv\text{K}$	
Yield	Conditions & References
	durch Verschmelzen Muhlert; Ch. Apparatur; vol. 13; p. 221,269; Chem. Zentralbl.; vol. 98; nb. I; (1927); p. 801

$\text{N}\equiv\text{N} + \text{C}\text{O}^{\ominus} \text{K}^+ \rightarrow \text{N}\equiv\text{K}$	
Yield	Conditions & References
	Thompson; Journal of Research of the National Bureau of Standards (United States); vol. 6; (1931); p. 1052,1055; Chem. Zentralbl.; vol. 102; nb. II; (1931); p. 3460

$\text{N}\equiv\text{O}^{\ominus} \text{K}^+ + \text{C} \rightarrow \text{N}\equiv\text{K} + \text{CO}_2$	
Yield	Conditions & References
	T= 450 - 550 °C , Gleichgewicht Lewis; Brighton; Journal of the American Chemical Society; vol. 40; (1918); p. 488



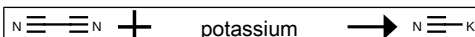
Scheibler; Baumgarten; Chemische Berichte; **vol.** 55; (1922); p. 1374



Yield Conditions & References

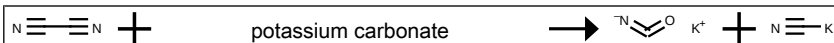
im bedeckten Tiegel

Weidel; Niemilowicz; Monatshefte fuer Chemie; **vol.** 16; p. 725
Fischer,E.; Justus Liebigs Annalen der Chemie; **vol.** 288; p. 159



Yield Conditions & References

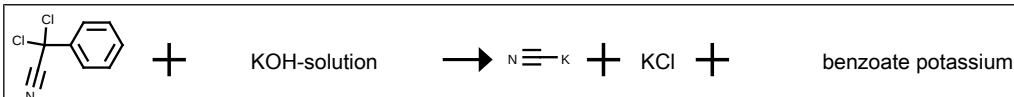
Gay-Lussac; Annales de Chimie (Cachan, France); **vol.** <1> 95; (1815); p. 175; Gilberts Annalen der Physik; **vol.** 53; p. 142



Yield Conditions & References

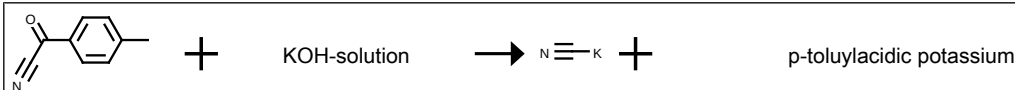
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Woehler; Annales de Chimie (Cachan, France); **vol.** <2> 20; (1822); p. 354
Woehler; Gilberts Annalen der Physik; **vol.** 71; p. 96; Gilberts Annalen der Physik; **vol.** 73; p. 162



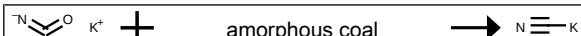
Yield Conditions & References

Claisen; Chemische Berichte; **vol.** 12; (1879); p. 633; Chemische Berichte; **vol.** 10; (1877); p. 1663



Yield Conditions & References

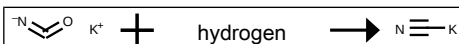
Vorlaender; Chemische Berichte; **vol.** 44; (1911); p. 2465



Yield Conditions & References

T= 600 °C

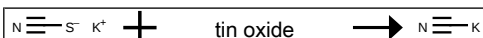
Hofmann,K.A.; Hofmann,U.; Chemische Berichte; **vol.** 59; (1926); p. 2441



Yield Conditions & References

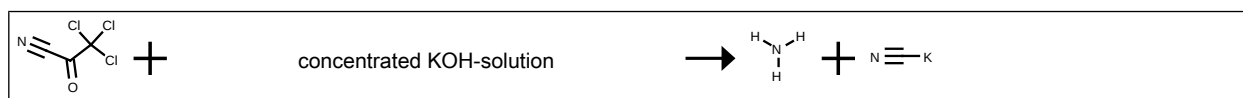
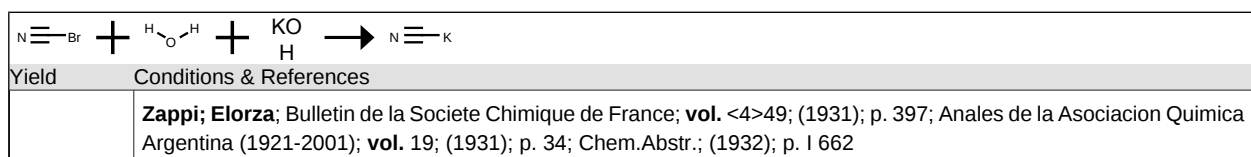
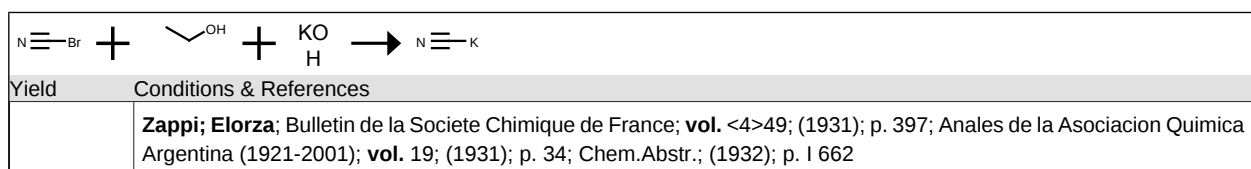
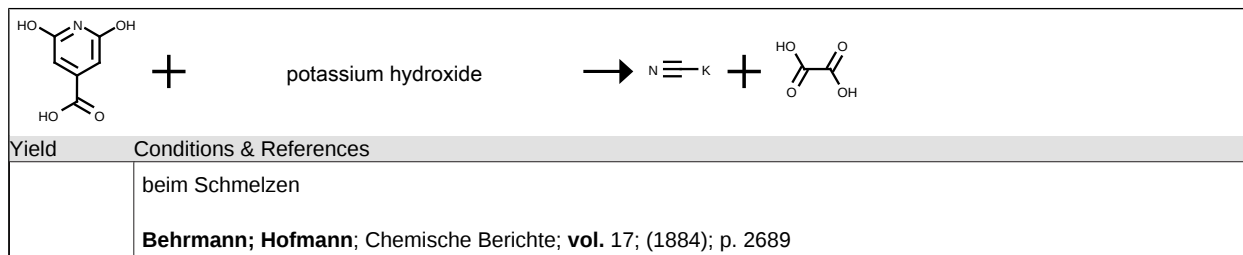
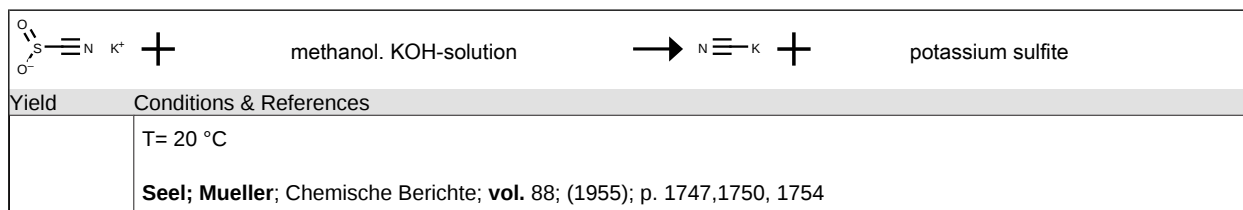
T= 400 °C

Lidow; Zhurnal Russkago Fiziko-Khimicheskago Obshchestva; **vol.** 43; (1911); p. 650; Chem. Zentralbl.; **vol.** 82; nb. II; (1911); p. 273

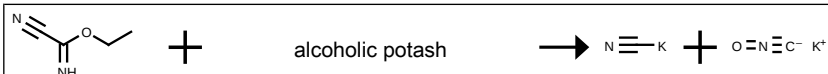


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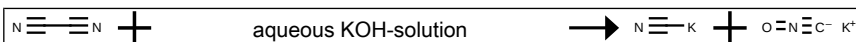
Milbauer; Z. a. Ch.; **vol.** 42; p. 437



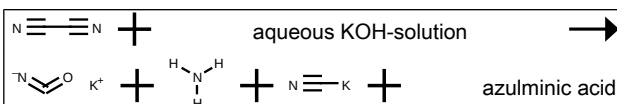
Yield	Conditions & References
	Hofferichter ; Journal fuer Praktische Chemie (Leipzig); vol. <2> 20; (1879); p. 196



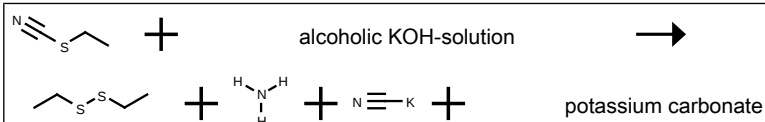
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	Nef ; Justus Liebigs Annalen der Chemie; vol. 287; (1895); p. 277



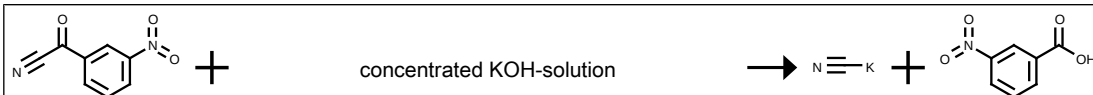
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	Naumann ; Zeitschrift fuer Elektrochemie und Angewandte Physikalische Chemie; vol. 16; (1910); p. 773



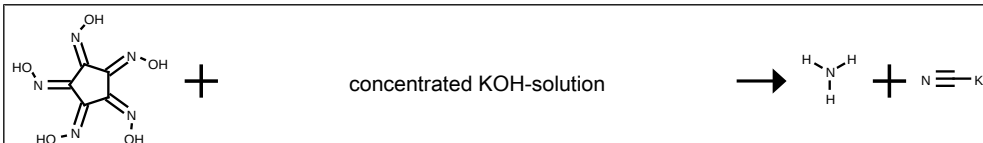
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	Produkt ₅ : CO ₂ Woehler ; Gilberts Annalen der Physik; vol. 71; p. 96; Annales de Chimie (Cachan, France); vol. <2> 20; (1822); p. 354 Zettel ; Monatshefte fuer Chemie; vol. 14; (1893); p. 229



Yield	Conditions & References
	Cahours ; Justus Liebigs Annalen der Chemie; vol. 61; (1847); p. 96 Loewig ; Ann. d. Physik; vol. 67; (1846); p. 102



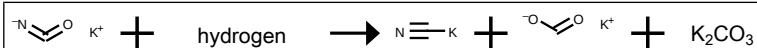
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	Claisen ; Thompson ; Chemische Berichte; vol. 12; (1879); p. 1943



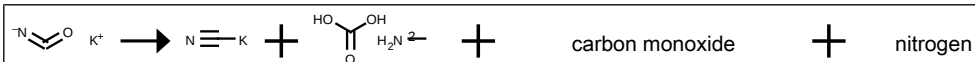
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	Nietzki ; Benckiser ; Chemische Berichte; vol. 19; (1886); p. 301



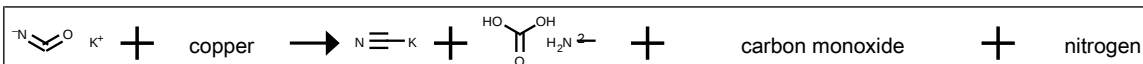
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	Clarke; Lapworth ; Journal of the Chemical Society; vol. 91; (1907); p. 704



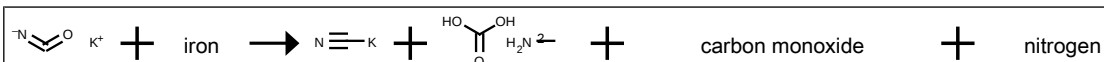
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	T= 700 °C Milbauer; Fritsch ; Chemicke Listy; vol. 34; (1940); p. 206; Chem. Zentralbl.; vol. 113; nb. II; (1942); p. 885



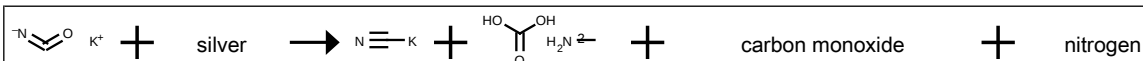
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	T= 600 - 900 °C , Zeitlicher Verlauf der Pyrolyse Schuschonow; Serdjuk ; Doklady Akademii Nauk SSSR; vol. 93; (1953); p. 507; Chem.Abstr.; (1954); p. 7408



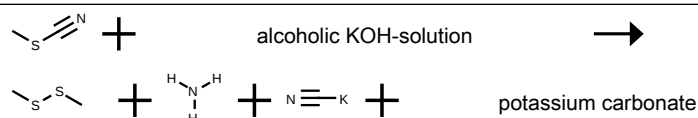
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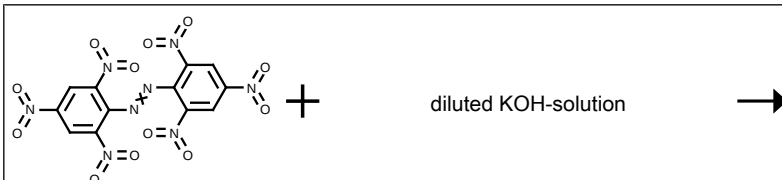
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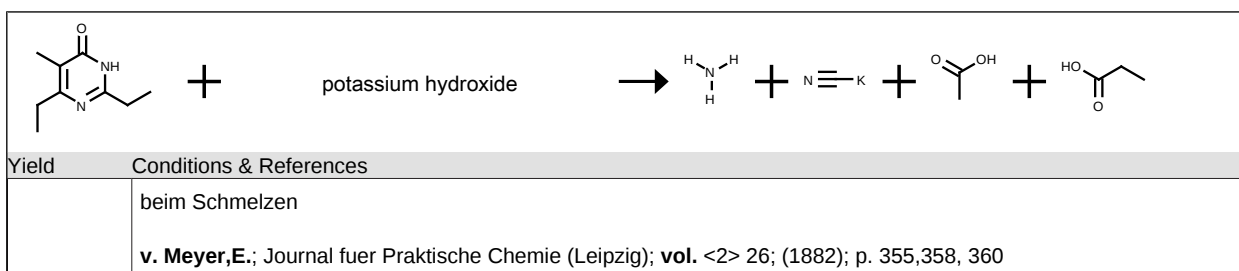
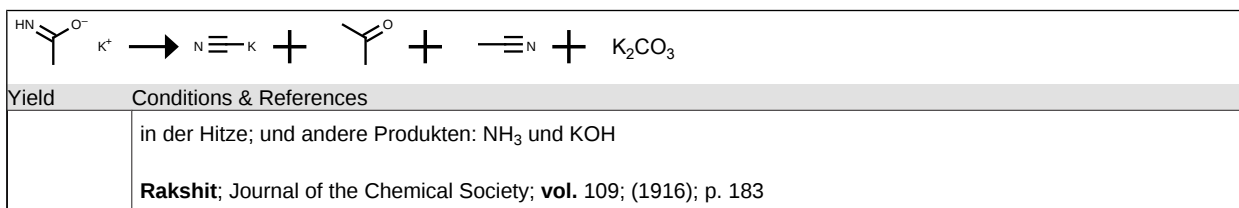
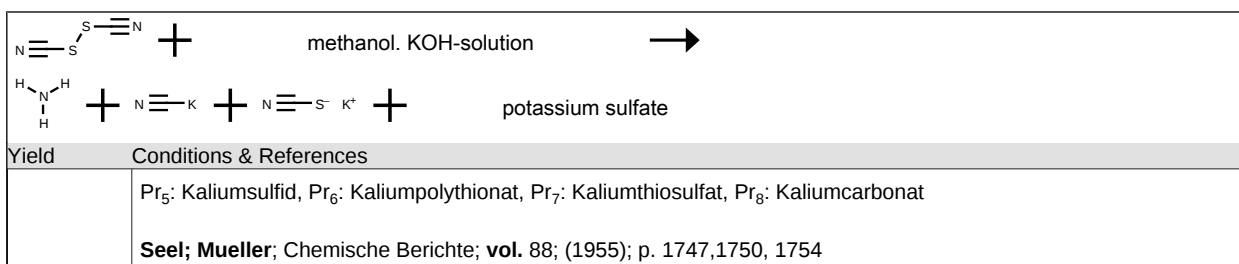
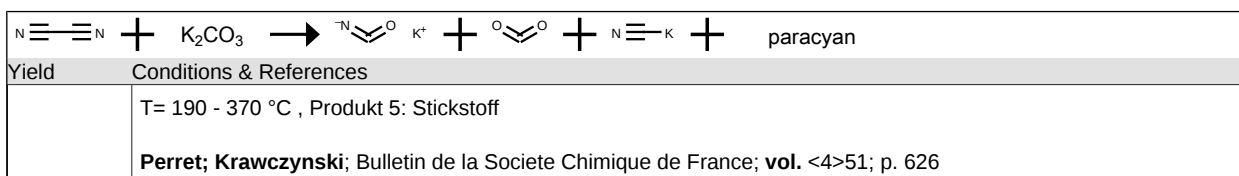
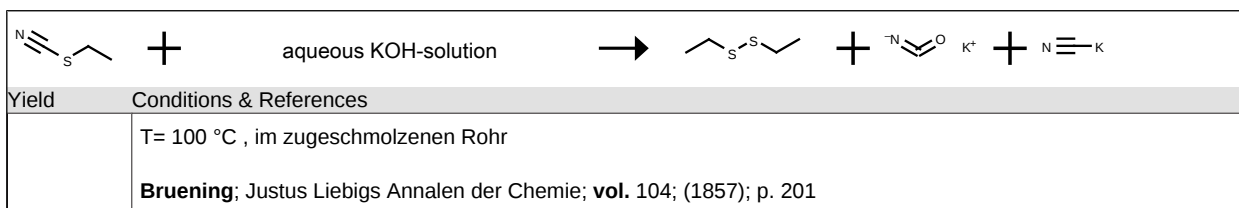
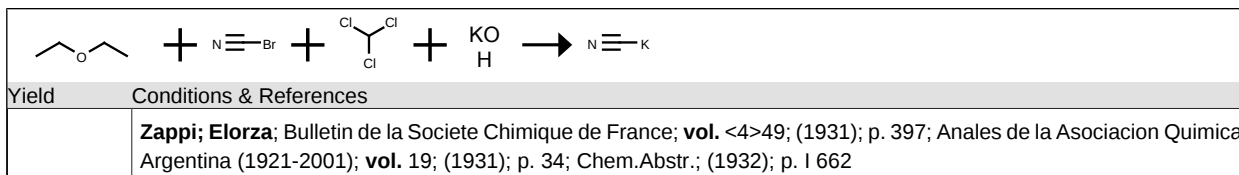
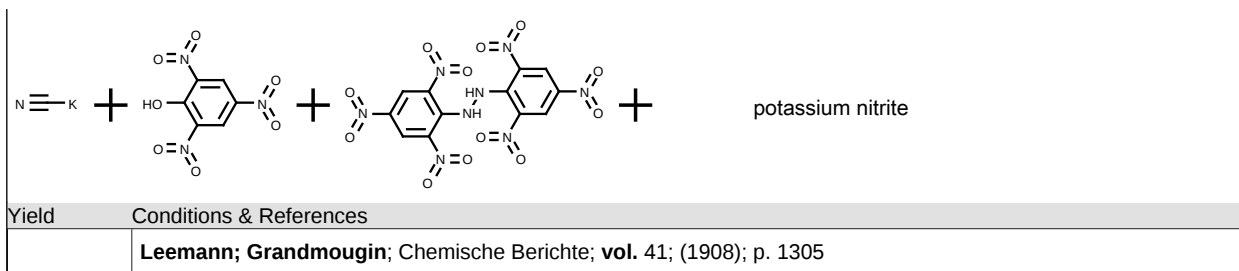


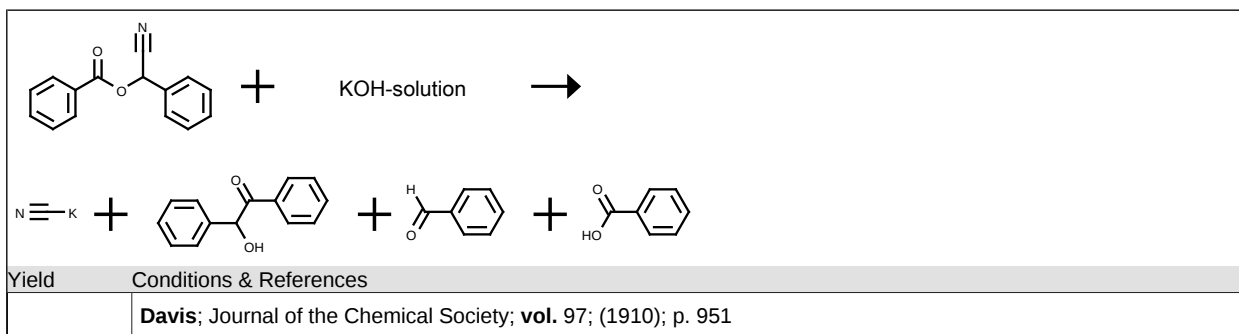
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	T= 600 - 900 °C , Zeitlicher Verlauf der Pyrolyse Schuschonow; Serdjuk ; Doklady Akademii Nauk SSSR; vol. 93; (1953); p. 507; Chem.Abstr.; (1954); p. 7408



Yield	Conditions & References
	Cahours ; Justus Liebigs Annalen der Chemie; vol. 61; (1847); p. 96







	
Yield	Conditions & References
	Herstellung der monoklinen Modifikation Cimino et al.; Proceedings of the Royal Society of London, Series A: Mathematical, Physical and Engineering Sciences; vol. 252; (1959); p. 445,449, 452
	zusammenfassende Darstellung Gmelins; Handbuch der anorganischen Chemie, 8. Aufl., Syst. Nr. 22: Kalium <Berlin 1938> S. 871, 1161
	technische Darstellung Playfair; Chem. Zentralbl.; vol. 62; nb. II; (1891); p. 399 de Lambilly; Chem. Zentralbl.; vol. 63; nb. II; (1892); p. 1015 Mills; Chem. Zentralbl.; vol. 76; nb. I; (1905); p. 1463 Moise; Chem. Zentralbl.; vol. 68; nb. II; (1897); p. 156 Patent; Moise; DE91708 Vidal; Chem. Zentralbl.; vol. 69; nb. I; (1898); p. 542 Patent; Vidal; DE95340 Young; Chem. Zentralbl.; vol. 66; nb. I; (1895); p. 670 Armengaud; Jahresbericht ueber die Fortschritte der Chemie und Verwandter Theile Anderer Wissenschaften; (1853); p. 738 Lance; de Bourgade; Chem. Zentralbl.; vol. 70; nb. I; (1899); p. 766 Breneman; Journal of the American Chemical Society; vol. 11; p. 31 Warren; Chem. News J. Ind. Sci.; vol. 62; p. 252 de Romilly; Comptes Rendus Hebdomadaires des Seances de l'Academie des Sciences; vol. 65; p. 865 Possoz; Boissiere; Jahresbericht ueber die Fortschritte der Chemie und Verwandter Theile Anderer Wissenschaften; p. 1056 Possoz; Boissiere; Comptes Rendus Hebdomadaires des Seances de l'Academie des Sciences; vol. 26; p. 203 Fownes; zit. bei Erdmann; Marchand; Journal fuer Praktische Chemie (Leipzig); vol. <1> 26; p. 412 Zincken; Bromeis; Journal fuer Praktische Chemie (Leipzig); vol. <1> 25; p. 249 Kuhlmann; Justus Liebigs Annalen der Chemie; vol. 38; p. 63 Desfosses; Annales de Chimie (Cachan, France); vol. <2> 38; p. 158