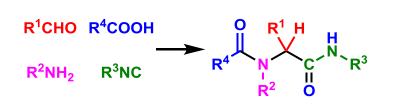


Reviews: (a) Domling, A.; Ugi, I. Angew. Chem. Int. Ed. 2000, 39, 3168.
(b) Ramon, D. J.; Yus, M. Angew. Chem. Int. Ed. 2005, 44, 1602.
(c) Kurti, L.; Czako, B. (2005) Strategic applications of named reactions in organic synthesis: Background and detailed mechanisms. Amsterdam: Elsevier Academic Press.

Outline:

- Ugi Reaction
- Variations of Ugi Reaction
- Catalytic Ugi Reaction
- Asymmetric Ugi Reaction
- Natural Product and Drug Synthesis via Ugi Reaction

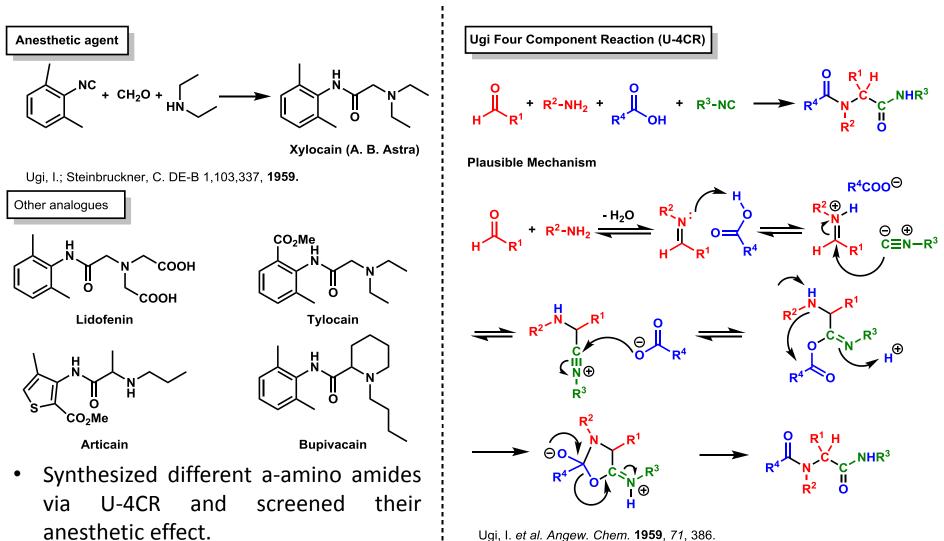






A. Domling I. Ugi

- Born on September 5, 1930 in Estonia
- Studied chemistry and mathematics at University of Tubingen (1949-51)
- Obtained his PhD degree under Dr. Rolf Huisgen at University of Munchen (1954)
- His Habilitation in isocyanides followed in 1959
- A member of Bayer AG (1962-1968)
- Professor at University of Southern California (1968-1971)
- Professor at Technical University of Munich from 1971 to 1999, was an emeritus from 1999 until his death in 2005



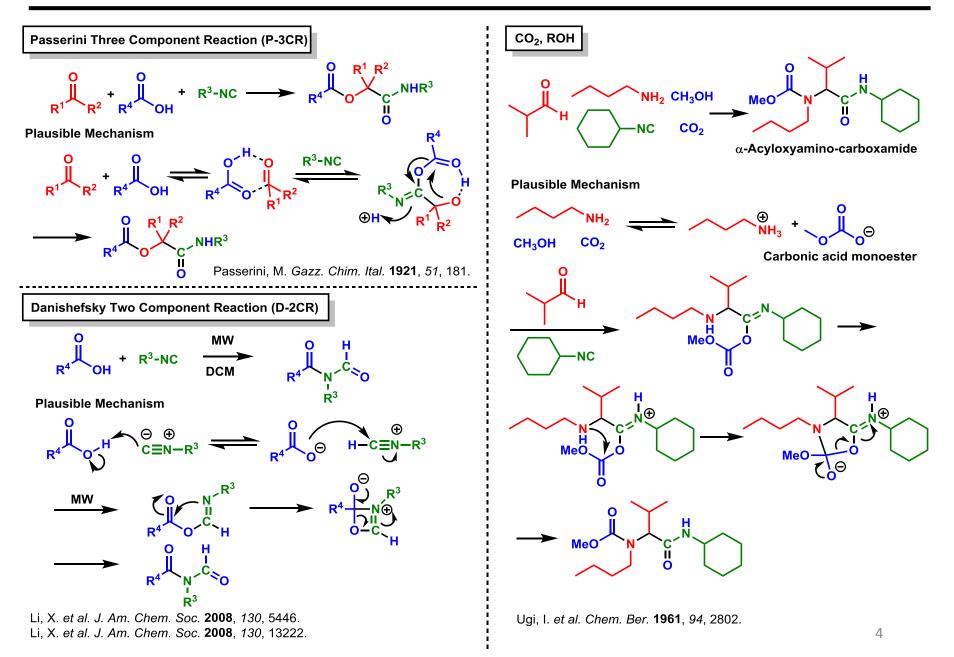
Xylocain analogs were developed and

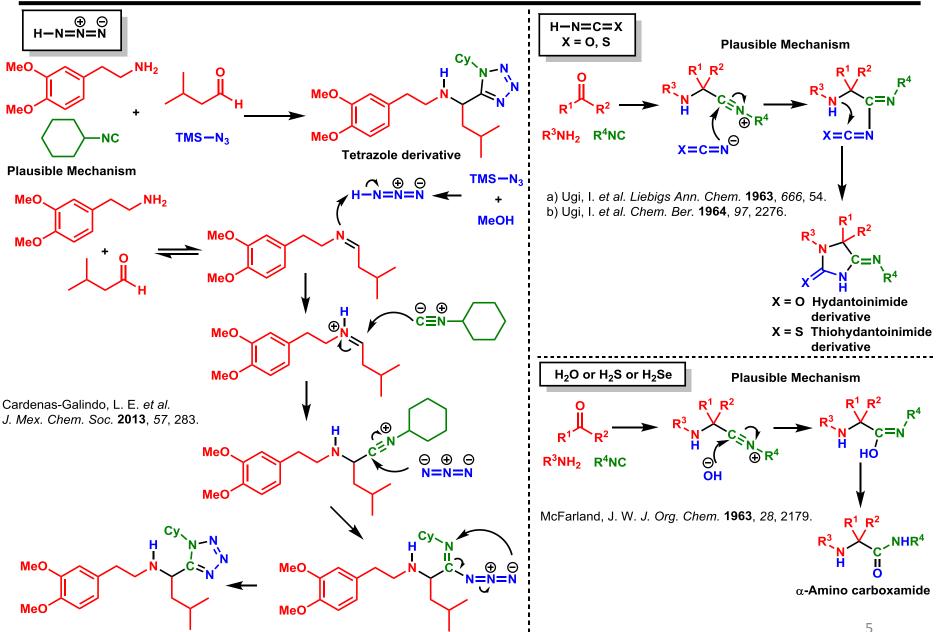
marketed by various pharmaceutical

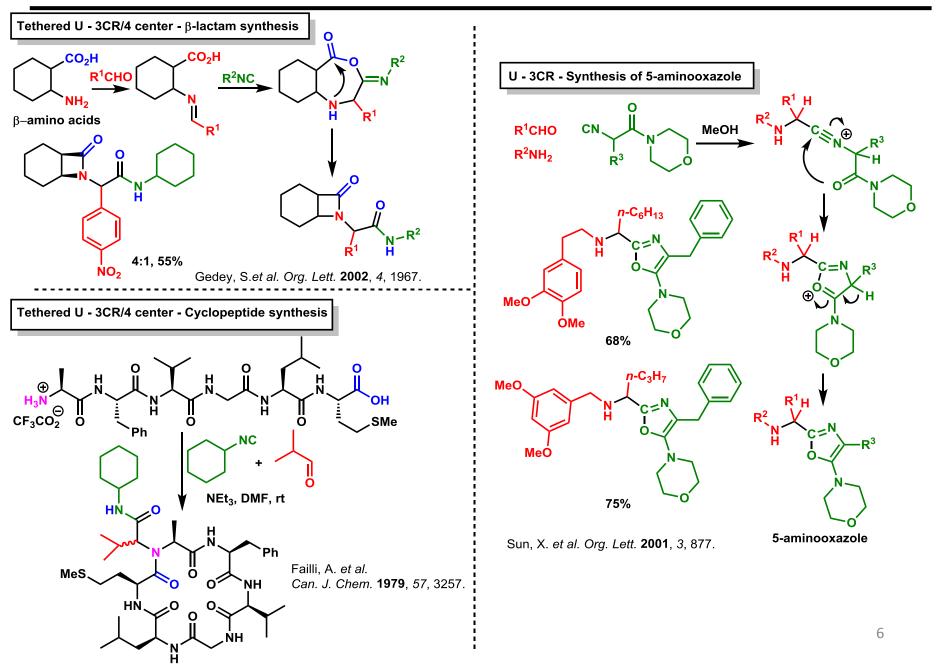
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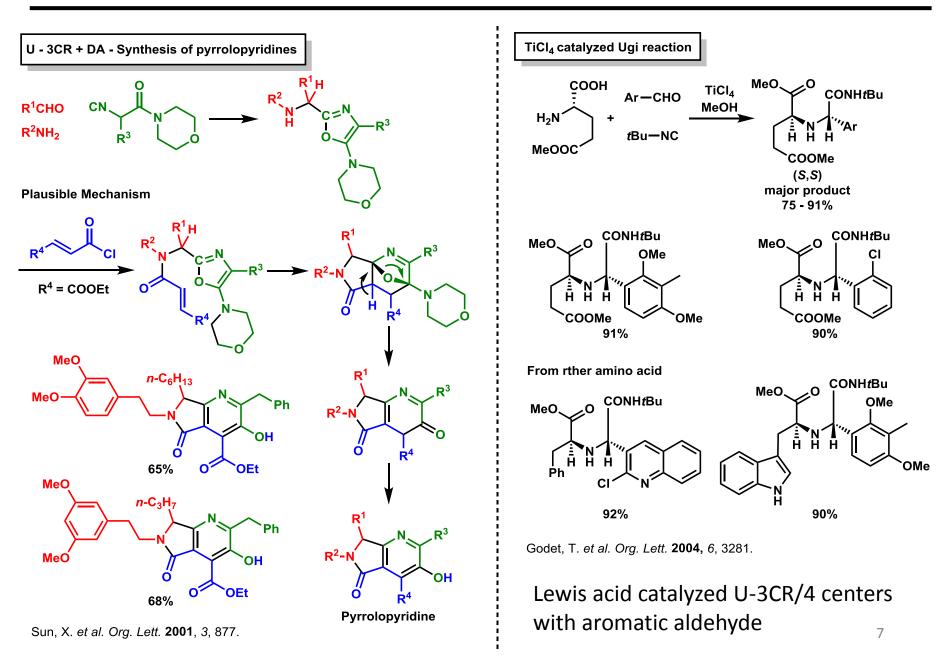
companies.

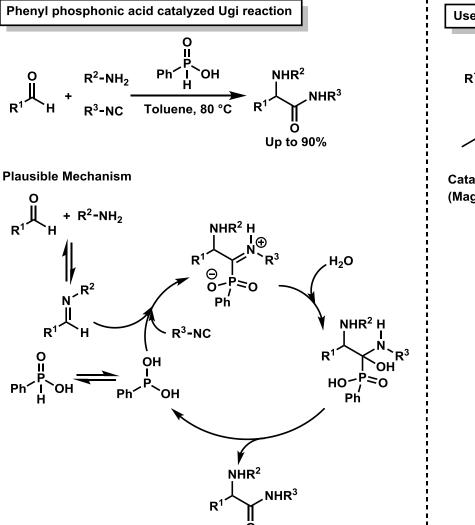
Ugi, I. *et al. Angew. Chem.* **1959**, *71*, 386. Ugi, I. *et al. Angew. Chem.* **1960**, *72*, 267.



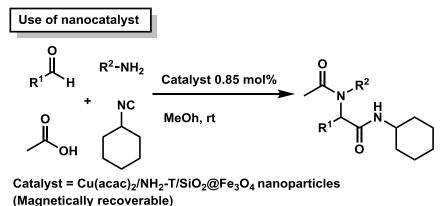


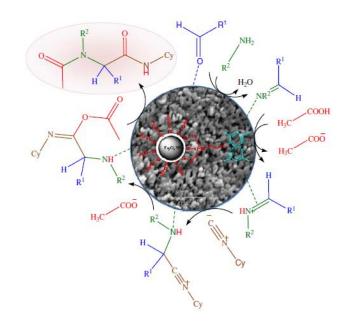




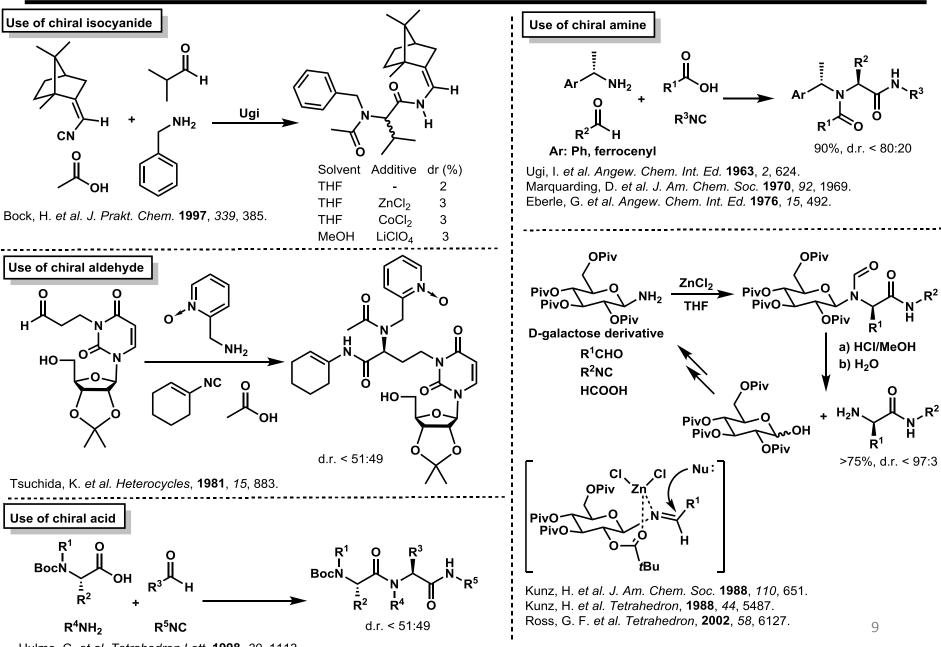


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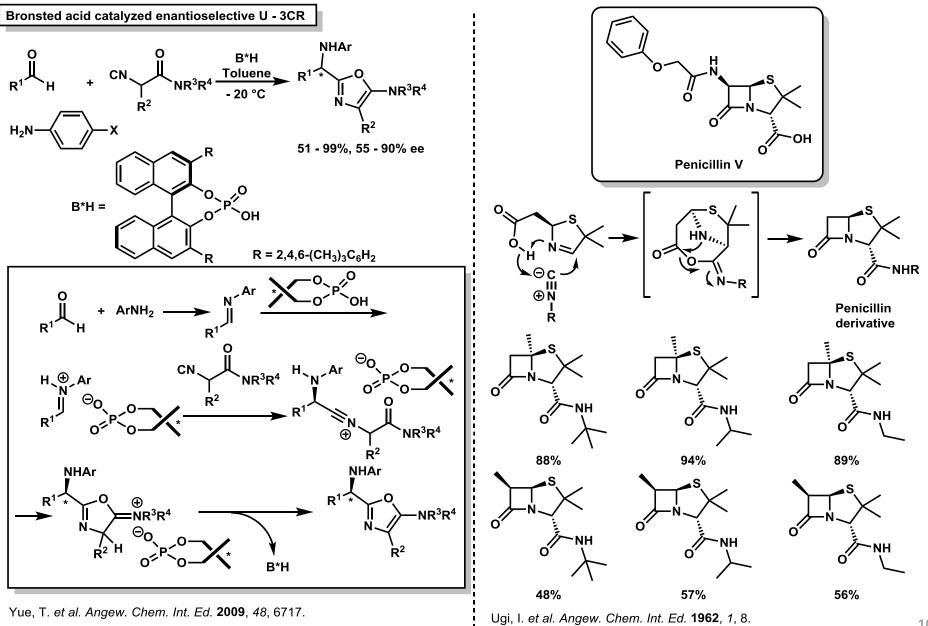




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