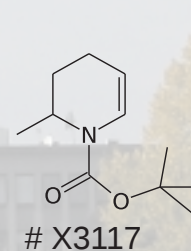
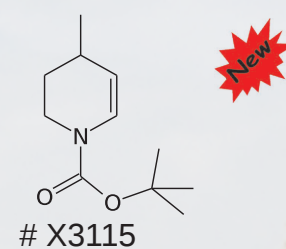
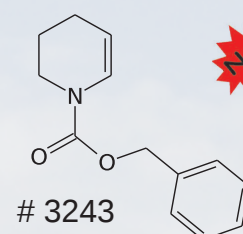
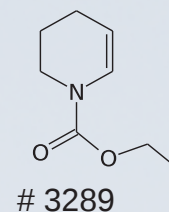
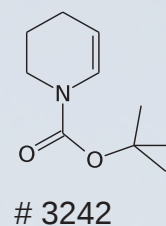
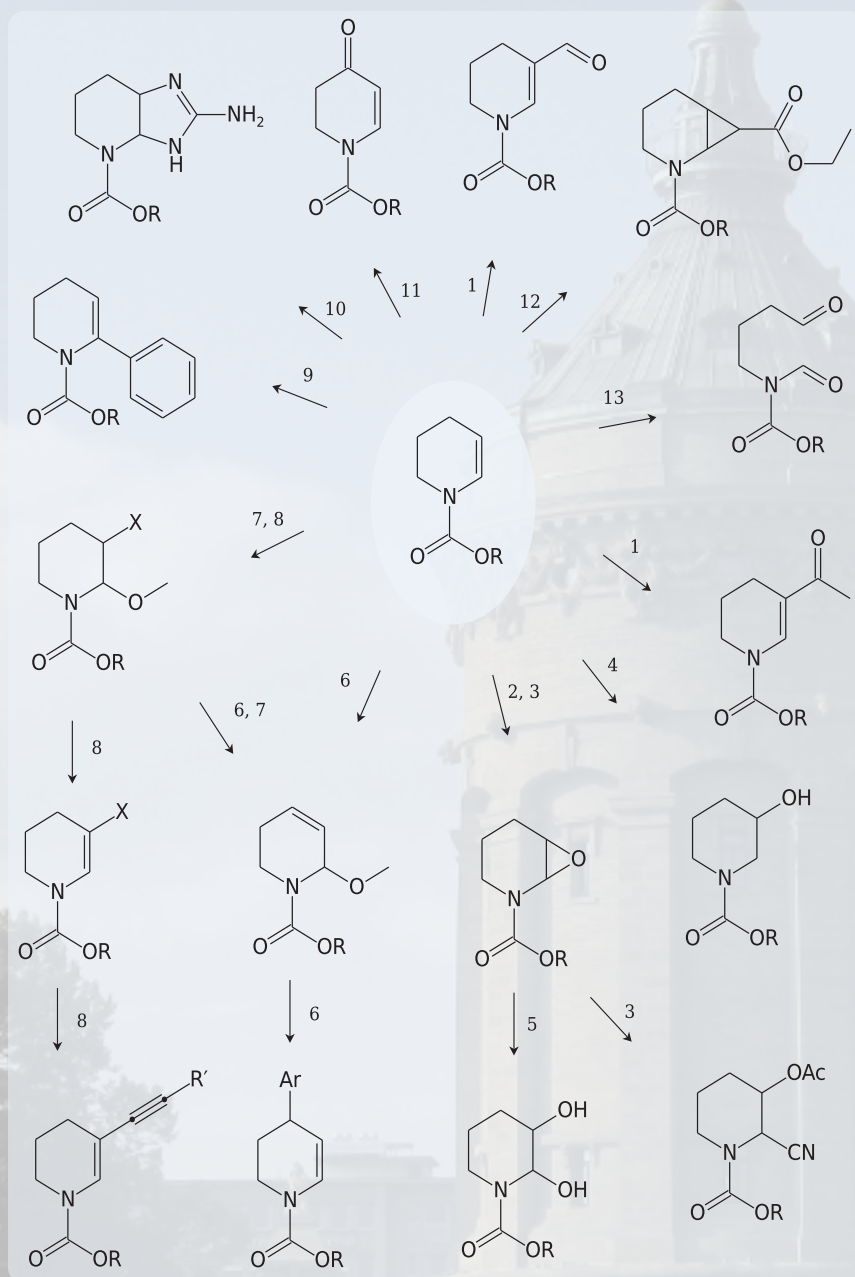


Cyclic Encarbamates as Versatile Building Blocks



- (1) T. Shono, Y. Matsumura, K. Tsubata, Y. Sugihara, S. Yamane, Kanazawa, T. Aoki, *J. Am. Chem. Soc.* **1982**, *104*, 6697.
- (2) Adam, W., Saha-Möllner, C. R. and Zhao, C.-G., *Organic Reactions*. **2004**, 219–516.
- (3) Claudia H. Sugisaki, Patrick J. Carroll, Carlos Roque D. Correia, *Tetrahedron Letters*, **1998**, *39*, 3413-3416.
- (4) M. Plehiers, C. Hootetele, *Can. J. Chem.*, **1996**, *74*, 2444-2453.
- (5) Yasuo Takeuchi, Miyo Oshige, Kumiko Azuma, Hitoshi Abe, and Takashi Harayama, *Chem. Pharm. Bull.*, **2005**, *53*, 868-869.
- (6) T. Shono, S. Terauchi, Y. Ohki, Y. Matsumura, *Tetrahedron Lett.*, **1990**, *31*, 6385-6386.
- (7) X= I, Br: S. Torii, T. Inokuchi, F. Akahosi, M. Kubota, *Synthesis*, **1987**, 242-245.
- (8) X= I, K. Kiewel, Z. Luo, G. A. Sulikowski, *Organic Letters*, **2005**, *7*, 5163–5165.
- (9) A. Simas, D. de Sales, S. Cavalcante, C. de Medeiros, S. Moraes, E. de Carvalho, *Lett. Org. Chem.*, **2008**, *5*, 587-590.,
- (10) M. del Rayo, S. Salvatori, R. Abou-Jneid, S. Ghoulami, M.-T. Martin, A. Zaparucha, A. Al-Mourabit, *J. Org. Chem.*, **2005**, *70*, 8208-8211.
- (11) M. Doyle, A. Catino, H. Choi, J. Nichols, US Pat. 2009/0093638(A1)
- (12) F. De Simone, J. Gertsch, J. Waser, *Angew. Chem. IE*, **2010**, *49*, 5767-5770.
- (13) C. Bubert, J. Voigt, S. Biasetton, O. Reiser, *Synlett*, **1994**, *8*, 675-677.