

Corrections

Page 6:

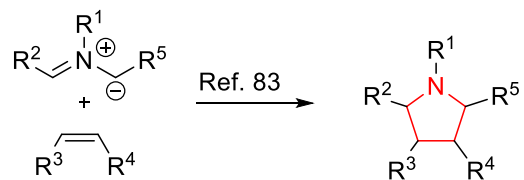
In text: “Pathway B starts with enol **1-4**”

Page 6:

In Scheme 1.3: “Oxidative SET generates the α -carbonyl radical.”

Page 16:

In Scheme 1.13:



Page 27:

In text: “The absolute configuration is set in the aza-Michael addition step.^[4b,d,f]”

Page 30:

In text: “thus the hydrogenolysis product must be *syn*-configured.”

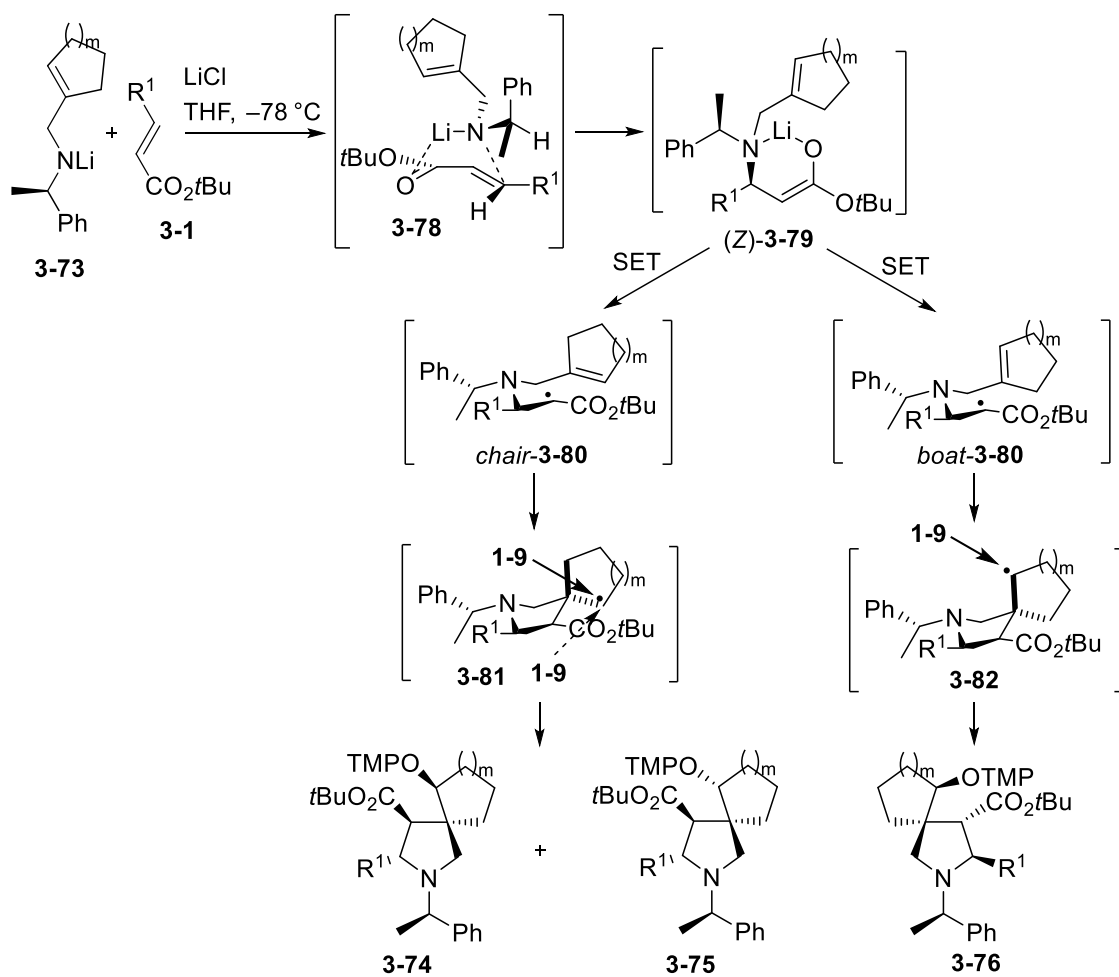
Page 33:

In text: “The *N*-benzyl protecting groups of threonine isomer *anti*-**3-3b**”

Page 36:

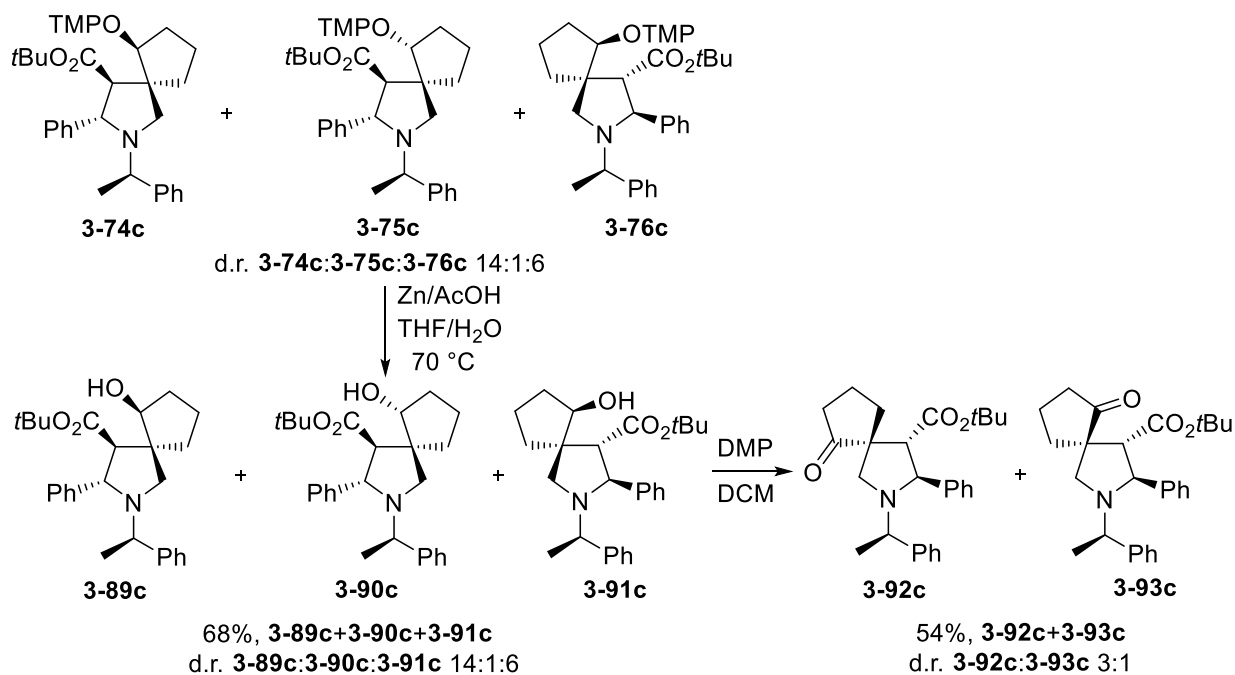
In text: “Removal of the *N*-benzylic protecting groups from **3-35**”

In Scheme 3.2.14:



Page 60:

In Scheme 3.2.18:



Page 62:

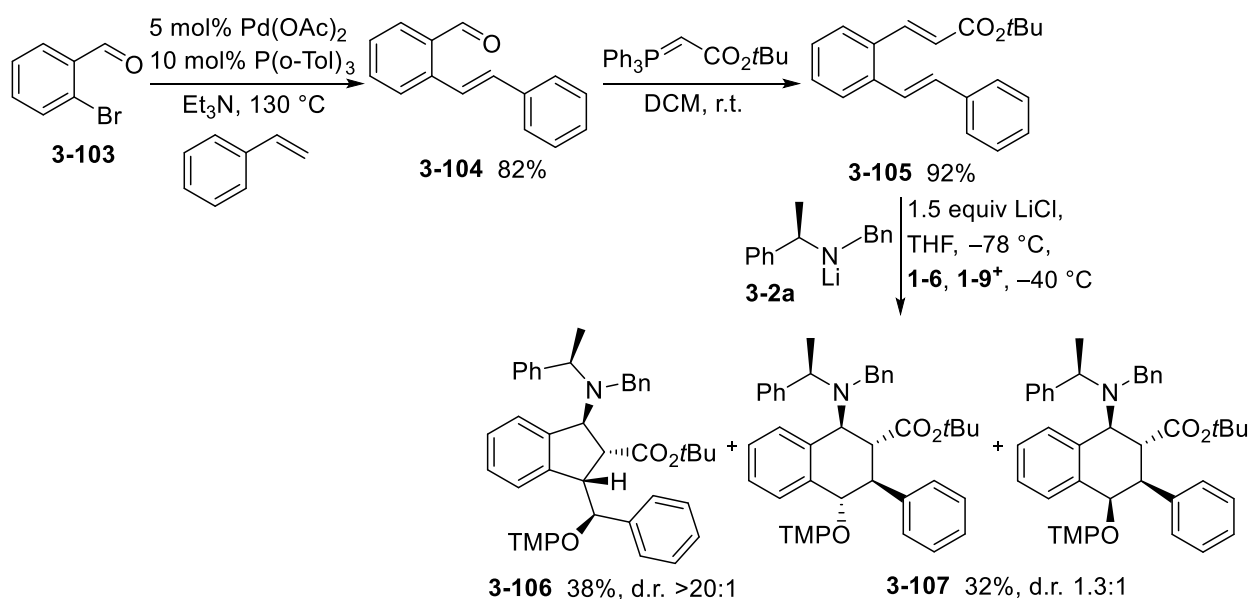
In text: “The formation of products **3-106** and **3-107**”

Page 63:

In text: “which is non-selectively oxygenated by TEMPO”

Page 63:

In Scheme 3.2.23:



Pages 173 and 174:

Crystals of compounds **3-51a**, **3-65**, **3-74f**, and **3-106** were obtained from hexane by a slow evaporation of the solution at room temperature. Crystals of compound **3-83b** were obtained from the mixture hexane/CH₂Cl₂ by a slow evaporation of the solution at room temperature. Crystals of compound **3-88** were obtained from the mixture acetone/H₂O by a slow evaporation of the solution at room temperature.

Page 184:

The reference should be changed as follows:

[65] a) X. Li, J. Li, *Mini-Rev. Med. Chem.*, **2010**, *10*, 794-805; b) J. K. Whitesell, *Chem. Rev.*, **1989**, *89*, 1581-1590; c) J. A. Sweet, J. M. Cavallari, W. A. Price, J. W. Ziller, D. V. McGrath, *Tetrahedron: Asymmetry*, **1997**, *8*, 207-211; d) F. Fache, E. Schultz, M. L. Tomasino, M. Lemaire, *Chem. Rev.*, **2000**, *100*, 2159-2232; e) M. Nyerges, D. Bendell, A. Arany, D. E. Hibbs, S. J. Coles, M. D. Hursthouse, P. W. Groundwater, O. Meth-Cohn, *Synlett*, **2003**, 947-950; f) B. H. Kim, H. B. Lee, J. K. Hwang, Y. G. Kim, *Tetrahedron: Asymmetry*, **2005**, *16*, 1215-1220; g) K. L. Jensen, G. Dickmeiss, H. Jiang, L. Albrecht, K. A. Jørgensen, *Acc. Chem. Res.*, **2012**, *45*, 248-264.

Page 186:

The reference should be changed as follows:

[82] a) E. P. Pecanha, H. Verli, C. R. Rodrigues, E. J. Barreiro, C. A. M. Fraga, *Tetrahedron Lett.*, **2002**, *43* 1607-1611; for Pd(II)-catalyzed: b) P. Kočovský, J. E. Bäckvall, *Chem. Eur. J.*, **2015**, *21*, 36-56.