

カルボアニオン転位

"Rearrangements of Organolithium Compounds",

Tomooka, K. in *The Chemistry of Functional Groups (The Patai Series) volume 104: The Chemistry of Organic Lithium Compound*; Rappoport, Z.; Marek, I., Eds.
Wiley-VCH: Chichester, U.K. , 2004; Chapter 12.

Table 1. Rearrangements of Organolithium Compounds

transformation				
O-C $\longrightarrow$ C-C				[1,2]-Wittig rearrangement
				[2,3]-Wittig rearrangement
				[1,4]-Wittig rearrangement
N-C $\longrightarrow$ C-C				Aza-[1,2]-Wittig rearrangement
				Aza-[2,3]-Wittig rearrangement
S-C $\longrightarrow$ C-C				Thia-[1,2]-Wittig rearrangement
				Thia-[2,3]-Wittig rearrangement
O-Si $\longrightarrow$ C-Si				[1,n]-Retro-Brook rearrangement
O-P $\longrightarrow$ C-P				Phosphate-phosphonate rearrangement