

Stereo-defined Synthesis of Differentially Tetrasubstituted Acrylonitriles through a Vinylic Rosenmund-von Braun Reaction

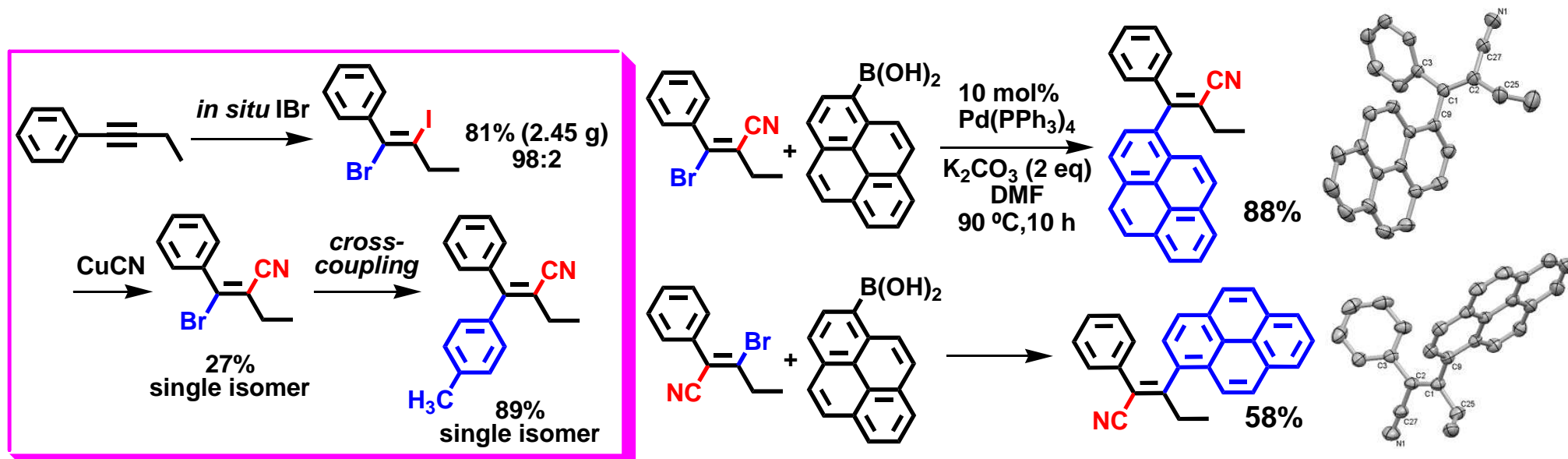


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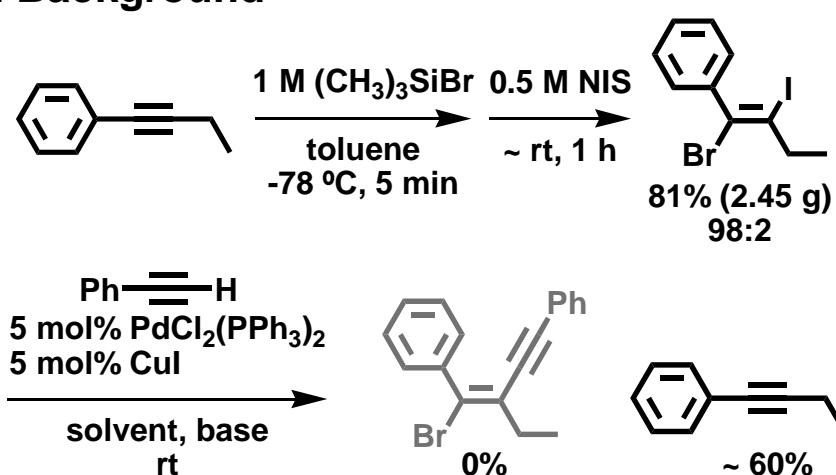
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1. Summary Endo, N.; Kanaura, M.; Iwasawa, T. *Tetrahedron Lett.* 2016, 57, 483-486.



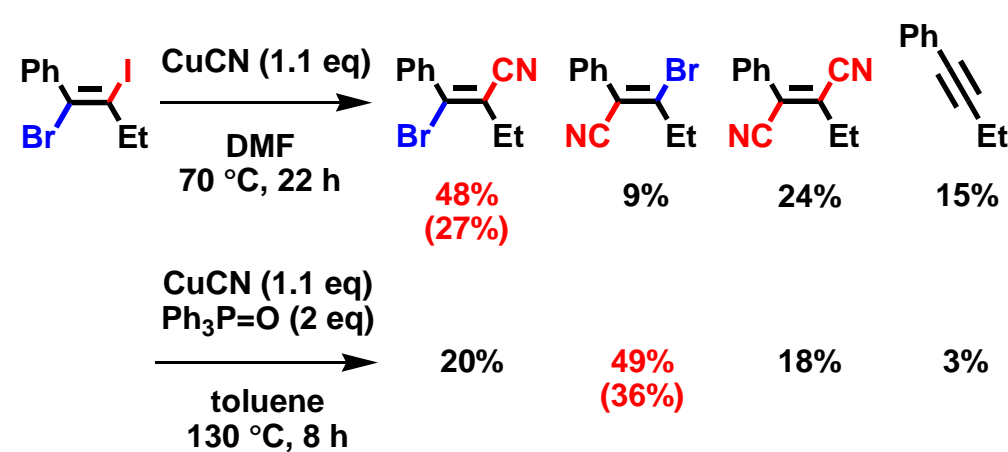
2. Background



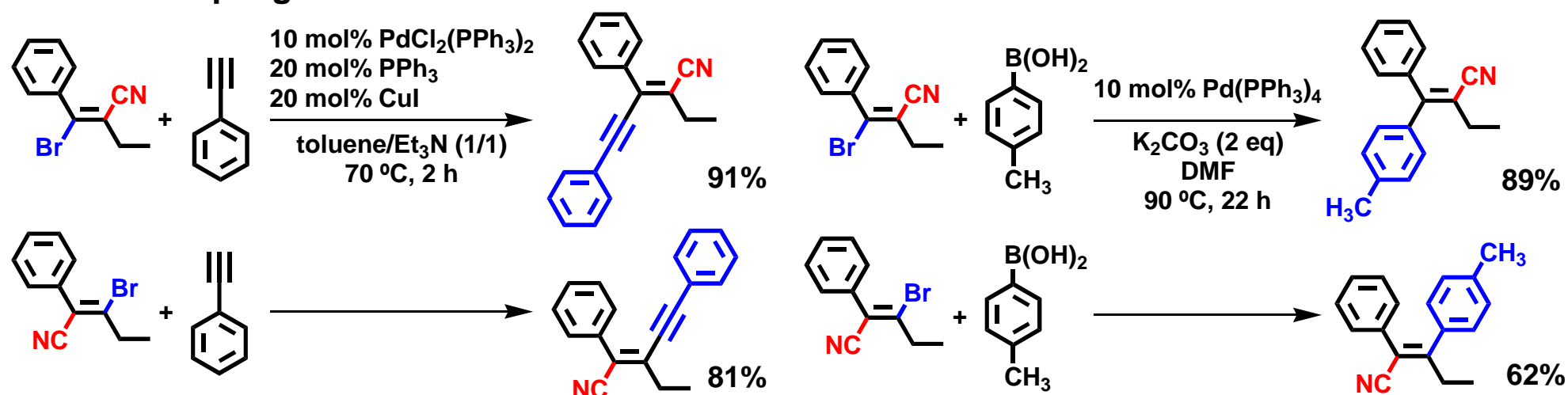
1. Ide, M.; Yauchi, Y.; Iwasawa, T. *Eur. J. Org. Chem.* 2014, 3262.

2. Ide, M.; Yauchi, Y.; Shiogai, R.; Iwasawa, T. *Tetrahedron* 2014, 70, 8532.

3. In real



4. Cross-coupling



5. Temperature

Temp. (°C)	Time (h)	NMR Yield (%)				
		1	2	3	4	5
rt	74	82	2	0	0	2
50	22	74	9	0	0	7
70	22	0	48	9	24	15
90	5	0	40	18	26	16
130	1	0	32	26	24	5

6. Plausible reaction paths

