



acetylenes in circa 85% yield by elimination of the heterocycle (eq 3).

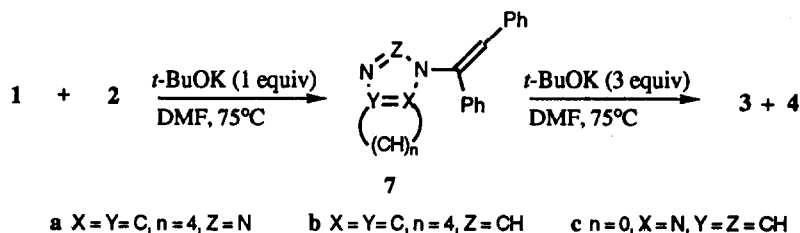


Table 1 lists diarylacetylenes that have been prepared by this method.

Table 1. Diarylacetylenes

6	Ar <sub>1</sub>	Ar <sub>2</sub>	Yield <sup>a</sup> (%)	mp <sup>b</sup> (lit mp <sup>3</sup> ) (°C/mmHg)
a	Ph	Ph	75	59-61 (58-61)
b	Ph	4-MeOPh	67	57-8 (58-60)
c	Ph	1-naphthyl	88	51-3 (oil)
d	1-naphthyl	1-naphthyl	67	129 (127-8)
e	2-naphthyl	2-naphthyl	76	225-6 (228-9)
f	4-FPh	4-FPh	50	95-6 (94-5)
g	3-FPh	3-FPh	30	60-2 (61-2)
h	Ph	3-pyridyl	80	47-8 (47-8.5)
i	Ph	2-furanyl	90 <sup>c</sup>	oil (74/0.01)

<sup>a</sup>After chromatography (PE). <sup>b</sup>Solid recrystallized from MeOH unless stated otherwise. <sup>c</sup>98.5% pure by HPLC. <sup>1</sup>H and <sup>13</sup>C NMR are consistent with its structure.

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## References and Notes

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