

Additions and Corrections

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Palladium(0)-Catalyzed Cross-Benzannulation between Conjugated Enynes. Reactivity-Controlled Synthesis of Multifunctionalized Benzenes.

Page 3854, ref 8. The amounts given for **1** and **2** are incorrect. The first sentence of ref 8 should read **Representative procedure:** To a solution of **2** (102 mg, 0.75 mmol) and Pd(PPh₃)₄ (12 mg, 0.01 mmol) in dry toluene (1 mL) was slowly (3.5 h) added a solution of **1** (62 mg, 0.50 mmol) in dry toluene (1 mL) at 30 °C under Ar by a syringe pump.

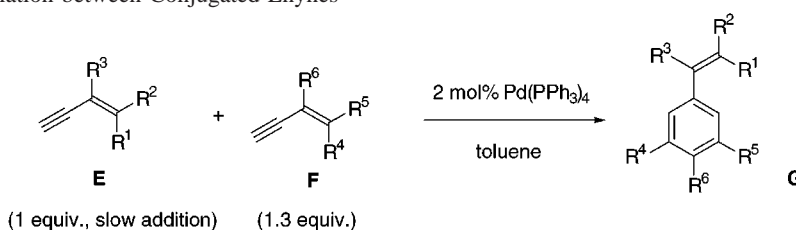
Page 3854 (Table 1). The heading for column 2 should be **2**.

Table 1. Cross-Benzannulation between **1** and **2**

entry	2 (equiv)	yield (%)		
		3a	3b	3c
1	1 ^a	11	36	
2	1	61	10	3
3	1.3	69	11	4
4	1.5	75	5	10

^a A mixture of **1** and **2** was heated for 3 h.

Page 3855 (Table 2). The footnotes refer to enynes listed under **F**.

Table 2. Cross-Benzannulation between Conjugated Enynes

entry	enyne	E			F				addition time (min)	temp (°C)	G	
		R ¹	R ²	R ³	enyne	R ⁴	R ⁵	R ⁶			yield (%)	
1	1	CO ₂ Et	H	H	2 ^a	H	H	<i>n</i> -C ₆ H ₁₃	210	30	3a	75
2	4	H	CO ₂ Et	H	2	H	H	<i>n</i> -C ₆ H ₁₃	60	65	9	64
3	1	CO ₂ Et	H	H	5	H	H	(CH ₂) ₂ C(CH ₃) ₂ OH	180	50	10	58
4	1	CO ₂ Et	H	H	6	H	H	H(CH ₂) ₉ OCH(OEt)CH ₃	210	30	11	48
5	1	CO ₂ Et	H	H	7 ^b	H	CN	<i>n</i> -C ₅ H ₁₁	15	55	12	46
6	7	H	CN	<i>n</i> -C ₅ H ₁₁	2	H	H	<i>n</i> -C ₆ H ₁₃	60	65	13	40
7	8	CN	H	<i>n</i> -C ₅ H ₁₁	2	H	H	<i>n</i> -C ₆ H ₁₃	20	65	14	51

^a 1.5 equiv of enyne **2** was used. ^b 1 equiv of enyne **7** was used.

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