

Correction to Pd(II)-Catalyzed Dehydrogenative Olefination of Terminal Arylalkynes with Allylic Ethers: General and Selective Access to Branched 1,3-Enynes

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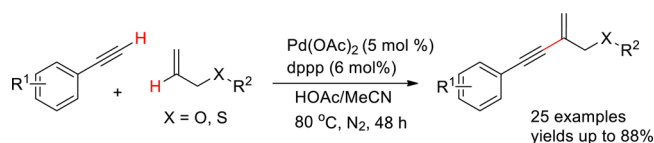
Org. Lett. 2012, 14, 5242–5245. DOI: 10.1021/ol302400p

S Supporting Information

After re-examination of the NMR data, we conclude that the products reported in the paper are branched enynes, not linear. We apologize for this error. See below for a full list of corrections and revised Supporting Information:

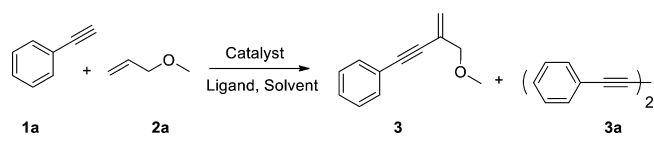
1. The title is corrected to read Pd(II)-Catalyzed Dehydrogenative Olefination of Terminal Arylalkynes with Allylic Ethers: General and Selective Access to Branched 1,3-Enynes.

2. The Table of Contents and Abstract graphics are corrected as follows:



3. The graphics in Tables 1–3 are corrected as follows:

Table 1. Reaction Condition Optimization

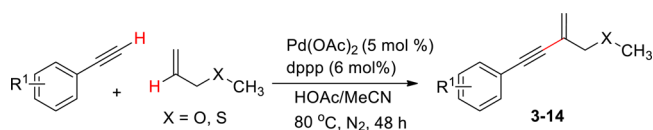


4. The name of compound 3 should be (3-(methoxymethyl)-but-3-en-1-yn-1-yl)benzene.

5. Pages 5243 and 5245. “Z-1,3-enynes” should be used in the Abstract and line 22 (left column) of p 5243 and “1,3-enyne” in line 10 (left column) of p 5245.

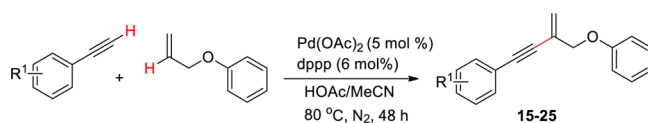
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Table 2. Pd-Catalyzed Dehydrogenative Olefination of Terminal Alkynes with Allyl Methyl Ethers (Sulfide)^{a,b}

entry	R ¹	ether	product	yield (%)
1	H			76
2	p-Me			72
3	m-Me			65
4	p-Et			69
5	p-n-Bu			65
6	p-OMe			70
7	m-Cl			44
8	p-Cl			45
9	p-F			40
10	p-Br			47
11	p-NO ₂			33
12	H			25
13	1-hexyne			NR

^aReaction conditions: arylacetylene (0.3 mmol), allyl methyl ether (3.0 mmol), Pd(OAc)₂ (5 mol %), DPPP (6 mol %), solvent (2 mL, v/v = 1:3), 80 °C, 48 h. ^bIsolated yields.

Table 3. Pd-Catalyzed Dehydrogenative Olefination of Terminal Alkynes with Allyl Phenyl Ethers^{a,b}

entry	R ¹	ether	product	yield (%)
1	H			85
2	p-Me			86
3	m-Me			83
4	p-Et			74
5	p-n-Bu			88
6	p-OMe			79
7	m-Cl			70
8	p-Cl			75
9	p-F			55
10	p-Br			75
11	p-NO ₂			49
12	1-hexyne			NR

^aReaction conditions: arylacetylene (0.3 mmol), allyl phenyl ether (3.0 mmol), Pd(OAc)₂ (5 mol %), DPPP (6 mol %), solvent (2 mL, v/v = 1:3), 80 °C, 48 h. ^bIsolated yields.

■ ASSOCIATED CONTENT

Supporting Information

Revised version containing the correct structures and names for the products reported. This material is available free of charge via the Internet at <http://pubs.acs.org>.