Chemical Science

ROYAL SOCIETY OF CHEMISTRY

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Cite this: Chem. Sci., 2020, 11, 9026

DOI: 10.1039/d0sc90169e

rsc.li/chemical-science

Correction: Palladium-catalysed 5-*endo-trig* allylic (hetero)arylation

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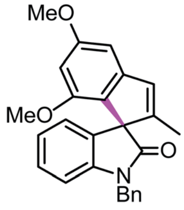
Correction for 'Palladium-catalysed 5-*endo-trig* allylic (hetero)arylation' by Bara Singh *et al.*, *Chem. Sci.*, 2020, **11**, 4948–4953, DOI: 10.1039/D0SC01932A.

After the publication of our manuscript, a reader suggested that the transformation (shown in Scheme 1) can also be described as a Nazarov-type cyclisation[1] with palladium chloride acting as a Lewis acid. While we do not have any evidence at this stage to support the Lewis acidic behaviour of palladium chloride,[2] however, a Nazarov-type mechanistic scenario is possible. The overall transformation can also be considered as an intramolecular ene-type reaction[3] or as an intramolecular Friedel–Crafts-type reaction,[4] although our data agrees better with the 5-*endo-trig* process facilitated by the LUMO umpolung.[5] Further experimental and computational investigations are underway to elucidate the full mechanistic details.

Scheme 1 General representation of the palladium-catalysed intramolecular allylic (hetero)arylation strategy reported by our group.

We thank the reader for the thought-provoking comments and also for their interest in our work.

Previously, the methoxy (–OMe) groups in the structure **2l** (Table 2) were wrongly placed. The correct structure of **2l** is show below.



2l, 6 h, 89%

These corrections do not influence any conclusions reported in the main article.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

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1 For some seminal contributions on Nazarov-type cyclisation reactions, see: (*a*) C. Bee, E. Leclerc and M. A. Tius, *Org. Lett.*, 2003, **5**, 4927; (*b*) A. J. Frontier and C. Collison, *Tetrahedron*, 2005, **61**, 7577; (*c*) J. A. Malona, J. M. Colbourne and A. J. Frontier, *Org. Lett.*,

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2 For some rare examples where palladium(II) complexes were shown to behave as Lewis acids, see: (*a*) N. Asao, T. Nogami, K. Takahashi and Y. Yamamoto, *J. Am. Chem. Soc.*, 2002, **124**, 764; (*b*) Y. Xiao and J. Zhang, *Angew. Chem., Int. Ed.*, 2008, **47**, 190.

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5 According to the pioneer in this field, Prof. Igor Alabugin, the LUMO umpolung would apply to olefins as long as the π-complex formation is feasible. For details, see: (*a*) I. V. Alabugin and K. Gilmore, *Chem. Commun.*, 2013, **49**, 11246; (*b*) G. dos Passos Gomes and I. V. Alabugin, *J. Am. Chem. Soc.*, 2017, **139**, 3406; (*c*) I. V. Alabugin and E. Gonzalez-Rodriguez, *Acc. Chem. Res.*, 2018, **51**, 1206.