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Title

Correction: Convergent synthesis of thiodiazole dioxides from simple ketones and amines through an unusual nitrogen-migration mechanism

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CORRECTION

Cite this: *Chem. Sci.*, 2024, 15, 11145**Correction: Convergent synthesis of thiodiazole dioxides from simple ketones and amines through an unusual nitrogen-migration mechanism**Kunlayanee Punjajom,^a Paul P. Sinclair,^a Ishika Saha,^b Mark Seierstad,^b Michael K. Ameriks,^b Pablo García-Reynaga,^{*b} Terry P. Lebold^{*b} and Richmond Sarpong^{*a}

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Correction for 'Convergent synthesis of thiodiazole dioxides from simple ketones and amines through an unusual nitrogen-migration mechanism' by Kunlayanee Punjajom *et al.*, *Chem. Sci.*, 2024, 15, 328–335, <https://doi.org/10.1039/D3SC04478E>.

The original article contains errors in Scheme 1 which include: (1) the structure of **3w** in which the compound is depicted as the 5,6,7,8-tetrahydroquinoline rather than the intended tetrahydronaphthalene; (2) the superscripts for the yields of **3w**, in which the superscripts for compound **3c** were repeated. The yields should read:

9% (83%)^d
33% (40%)^e

These changes do not affect the conclusions of the manuscript. An updated figure and caption are included here.

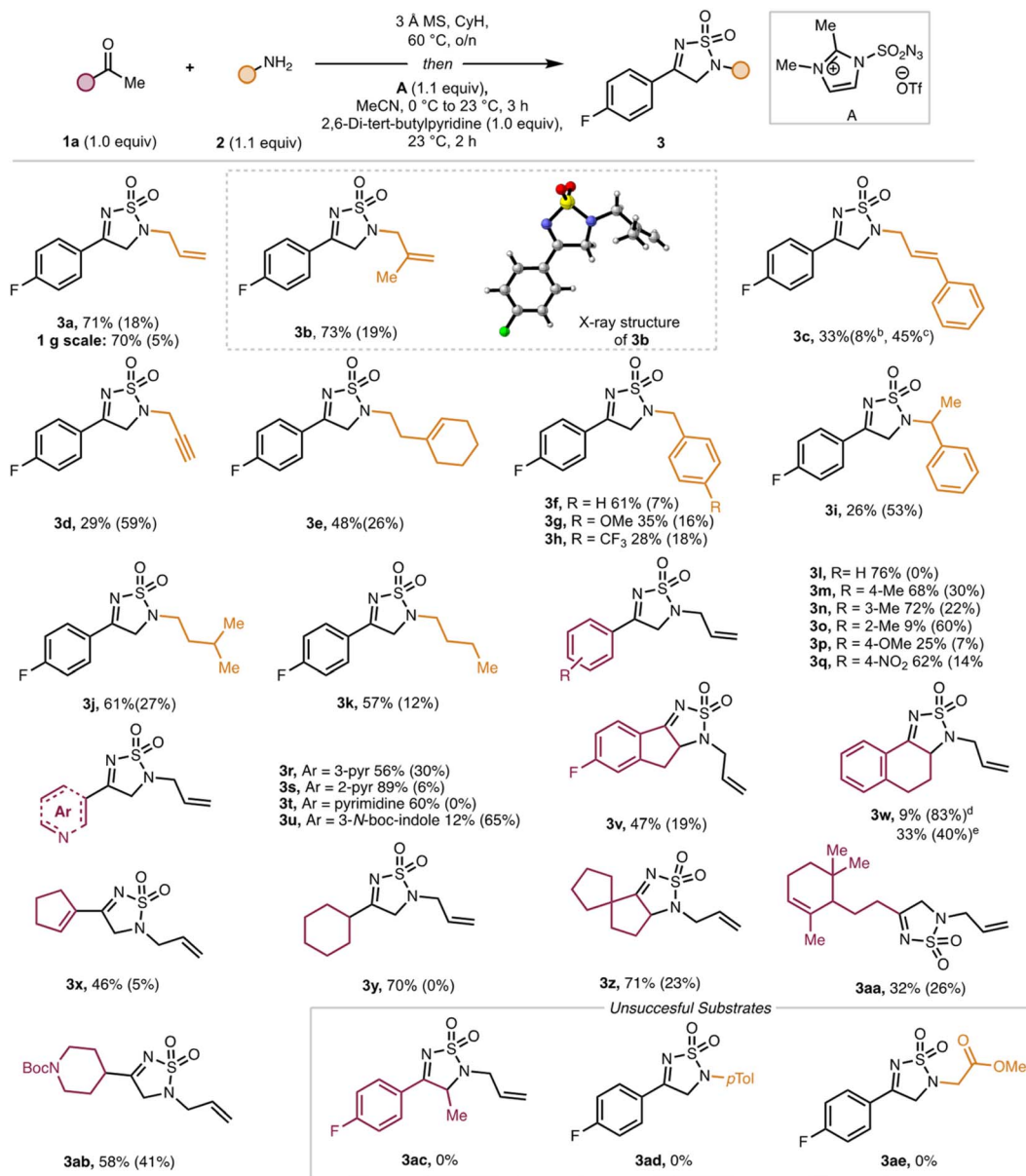
In Fig. 2C, the ¹⁵N product should be labeled ¹⁵N-**3w** and not **3x**. In addition, the caption for Fig. 2 part D was missing in the original article. An updated figure and caption are provided here.

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

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Scheme 1 Substrate scope of amine. ^aReaction conditions: see Table 1, entry 4. ^bp-Fluoroacetophenone. ^c(*E*)-Cinnamylamine. ^dFrom α -tetralone ^efrom β -tetralone. CyH: cyclohexane, MS: molecular sieve. Isolated yield reported. Yield in parentheses refers to recovered starting material.

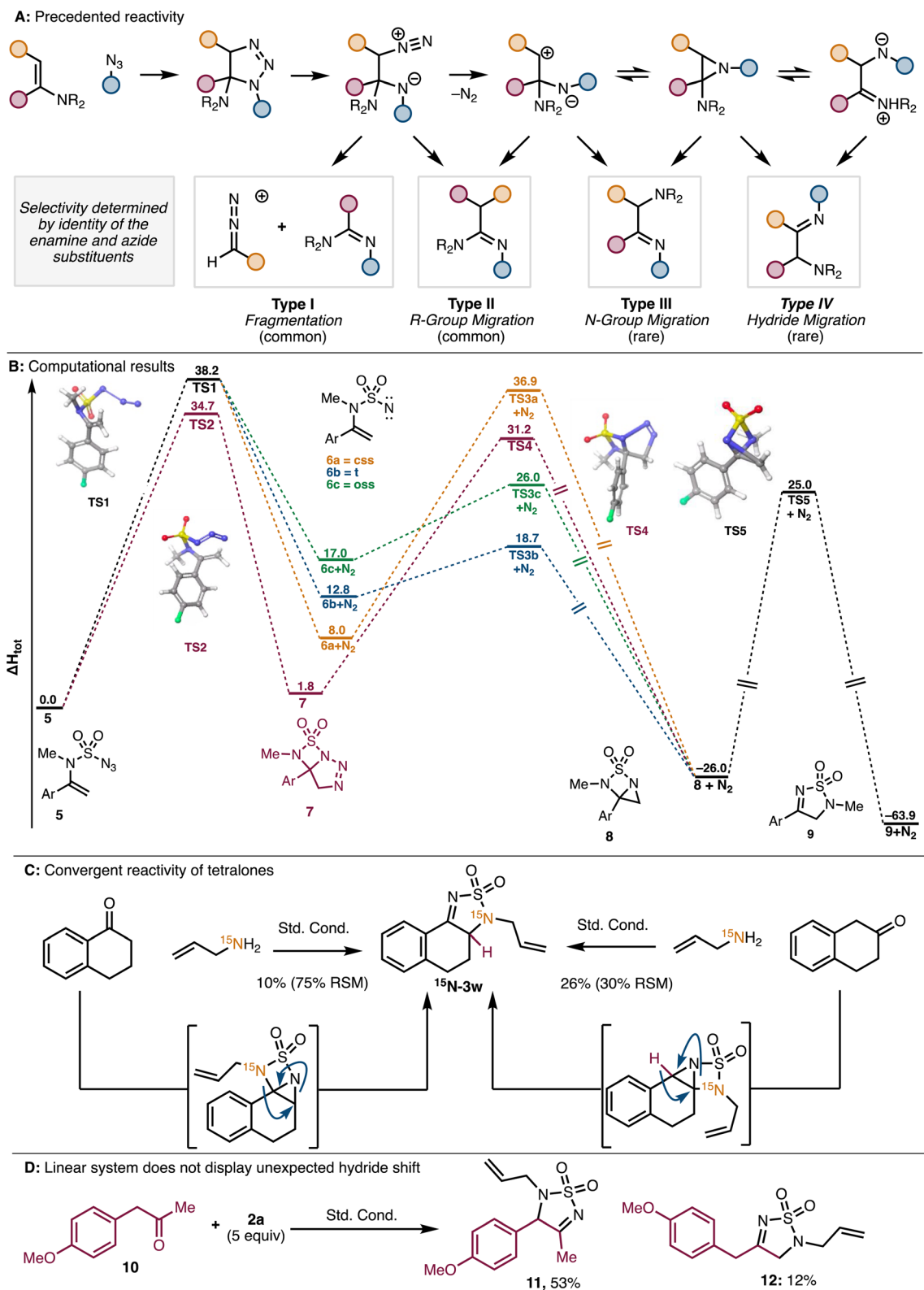


Fig. 2 (A) Rearrangements of amino-triazolines. (B) DFT investigation of possible reaction pathways (values given in kcal mol⁻¹). (C) Reactivity of tetralone substrates. (D) Reaction with homo-benzylic ketone showing no nitrogen migration. (css: closed shell singlet, oss: open shell singlet, t: triplet.)