

CORRECTION

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Correction: Theoretical insights into site-specific heavy-atom effects on MR-TADF emitters: modulation of spin–orbit coupling and color purity

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DOI: 10.1039/d6sc90086k

rsc.li/chemical-scienceCorrection for 'Theoretical insights into site-specific heavy-atom effects on MR-TADF emitters: modulation of spin–orbit coupling and color purity' by Shi-Jie Ge *et al.*, *Chem. Sci.*, 2026, <https://doi.org/10.1039/d6sc00582a>.

The authors regret two mistakes in Fig. 1. Specifically, the cited k_{RISC} data range was incorrectly given as 10^{-4} – 10^{-6} s $^{-1}$. The correct range is 10^4 – 10^6 s $^{-1}$. The FWHM of BNSeSe in the solution state should be 38 nm instead of 48 nm.

The corrected version of Fig. 1, with the intended k_{RISC} values for BNSeSe, SSeQ and Se-SFBN and the correct FWHM of BNSeSe, is given here and replaces that included within the original publication.

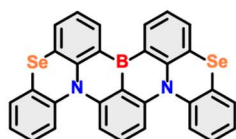


● Reported heavy-atom-embedded MR-TADF emitters. -----



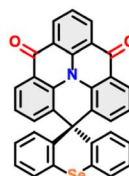
SQAQ

—
Abs./Fl. = 489/552 nm
FWHM = 54 nm
Org. Lett. **2021**,
23, 958–962



BNSeSe

$k_{\text{RISC}} = 2.0 \times 10^6 \text{ s}^{-1}$
Abs./Fl. = 467/502 nm
FWHM = 38 nm
Nat. Photon. **2022**,
16, 803–810



SSeQ

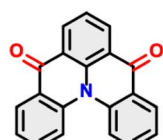
$k_{\text{RISC}} = 4.5 \times 10^4 \text{ s}^{-1}$
Abs./Fl. = 437/446 nm
FWHM = 18 nm
Angew. Chem. Int. Ed. **2023**,
62, e202310047



Se-SFBN

$k_{\text{RISC}} = 1.1 \times 10^5 \text{ s}^{-1}$
Abs./Fl. = 473/490 nm
FWHM = 24 nm
Chem. **2025**,
11, 102353

● The three types of heavy-atom-embedded structures investigated in this work. -----



QAO

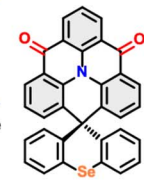
Adv. Opt. Mater.
2019, 7, 1801536

Embed
luminescent core



SeQ

Introduce via
spiro backbone



SSeQ

Introduce at C1 site
of spiro structure



FSeQ

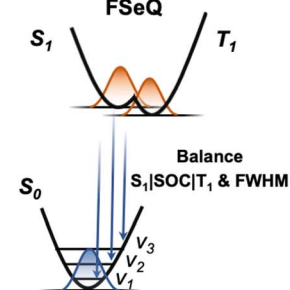
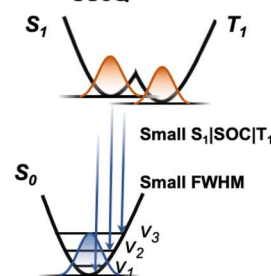
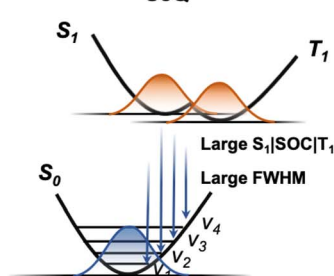


Fig. 1 Reported heavy-atom-embedded MR-TADF emitters and the three types of heavy-atom-embedded structures investigated in this work.

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

