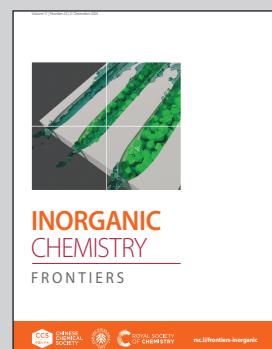


Showcasing research from Professor Fischer's laboratory,
Institut für Anorganische Chemie, Georg-August-
Universität Göttingen, D-37077, Germany.

Ammonia activation using a heteroleptic stannylenes and
lithium stannylenoid formation facilitated by hemilabile
iminophosphorane-based ligands

Heteroleptic stannylenes featuring hemilabile
iminophosphorane moieties and terphenyl ligands were
synthesized and effectively employed for ammonia
activation via N-H bond cleavage, uncovering an oxidation-
state-independent activation pathway at tin. This study also
revealed a novel route to a lithium stannylenoid.

As featured in:



See Oliver P. E. Townrow,
Malte Fischer *et al.*, *Inorg. Chem. Front.*, 2024, **11**, 8649.

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