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Cascade Cyclization to Produce a Series of Fused, Aromatic Molecules

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Domino Aromatizing Cyclization

Significance: Fused-ring monoaza-acenes where synthesized in high yield through a nucleophile-initiated cascade cyclization to generate fully aromatic products. The nucleophilic attack appears to be regioselective and all products were emissive.

Comment: All of the cyclized products form multi-point hydrogen-bonding interactions in the solid state.

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Synthesis of
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