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Showcasing research from Professor A. Stephen K. Hashmi's laboratory, Institute of Organic Chemistry, University of Heidelberg, Baden-Württemberg, Germany.

Benzobischalcogeno[3,2-c]quinolines: tuning electronic and structural properties with group 16 elements

Chalcogen-annulated heptacyclic N-heteropolycycles were synthesized. By photophysical and structural analysis, significant properties were observed depending on the annulated chalcogen. It was observed that the heavier the incorporated chalcogen, the better the intermolecular overlap between the molecular layers.







