



Showcasing research from Professor Tselikhovsky's laboratory, Institute for Drug Research, School of Pharmacy, The Hebrew University of Jerusalem, Israel.

Direct access to polycyclic imidazolium salts *via* decarboxylative condensation of α -enaminones with proline

A new strategy for direct access to fully substituted polycyclic imidazolium ionic liquids, based on the interaction of α -enaminones with proline in the presence of a variety of counter-ions, is reported. The developed open-flask operation is catalyst-, metal-, and Lewis acid-free green process, which requires no ion-exchange step, is not limited to aryl substituents, and generally results in good yields and minimal formation of side products.

As featured in:



See Dmitry Tselikhovsky *et al.*, *Green Chem.*, 2023, **25**, 5916.