Ionic Liquid Promoted Regiospecific Friedlander Annulation: Novel Synthesis of Quinolines and Fused Polycyclic Quinolines

*Sanjay S. Palimkar, Shapi A. Siddiqui, Thomas Daniel, Rajgopal. J. Lahoti and Kumar V. Srinivasan**

Division of Organic Chemistry; Technology, National Chemical Laboratory,

Dr. Homi Bhabha Road, Pune – 411 008, India.

E-mail address: kvsri@dalton.ncl.res.in

* Corresponding author. Tel.: +91-20-588 9089

Fax: +91-20-589 3614

Supporting Information Contents

Spectra	Page No.
----------------	-----------------

3a-v	S3-S24
-------------	---------------

ILs	S25-32
------------	---------------

Abbreviations

1) IL ----- Ionic Liquid

2) Bu ----- Butyl

3a

3b

3c

3d

3e

3f

3g

3h

3i

S11

3j

S12

3k

3I

3m

3n

30

3p

3q

3r

3s

3t

3v

1,3-di-n-Butylimidazolium bromide [bbim]Br

1,3-di-n-Butylimidazolium chloride [bbim]Cl

1,3-di-n-Butylimidazolium tetrafluoroborate [bbim] BF_4

1,3-di-n-Butylimidazolium hexafluorophosphate [bbim] PF₆

1,3-di-n-Butylimidazolium perchlorate [bbim] ClO₄

1-Butylimidazolium tetrafluoroborate [Hbim]⁺BF₄⁻

1-Butylimidazolium bromide [Hbim]⁺Br⁻

1-Butylimidazolium chloride [Hbim]Cl

1-Butylimidazolium hexafluorophosphate [Hbim]PF₆

1-Butylimidazolium perchlorate [Hbim]⁺ClO₄⁻