Supplementary Information

Microwave assisted expeditious approach towards benzimidazole acrylonitrile derivatives exploring new silica supported SBPTS catalyst

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Fig. S1(a) FT-IR spectrum of pure silica

Fig. S1(b) FT-IR spectrum of pure silica-boric acid
Fig. S1(c) FT-IR spectrum of \( p \)-toluenesulfonyl chloride

Fig. S2 EDX analysis of the SBPTS catalyst
**Fig. S3** SEM micrograph of the recovered catalyst

**Fig. S4** TEM micrograph of the recovered catalyst
Fig. S5 EDX analysis of the recovered catalyst
Fig. S6 $^1$H NMR spectrum of compound 3a
Fig. S7 $^{13}$C NMR spectrum of compound 3a
Fig. S8 $^1$H NMR spectrum of compound 3e
Fig. S9 $^{13}$C NMR spectrum of compound 3e
Fig. S10 $^1$H NMR spectrum of compound 3g
Fig. S11 $^{13}$C NMR spectrum of compound 3g
Fig. S12 $^1$H NMR spectrum of compound 3i
Fig. S13 $^{13}$C NMR spectrum of compound 3i
Fig. S14 $^1$H NMR spectrum of compound 3j
Fig. S15 $^{13}$C NMR spectrum of compound 3j
Fig. S16 $^1$H NMR spectrum of compound 3l
Fig. S17 $^{13}$C NMR spectrum of compound 3l