Electronic Supplementary Information

<u>Title:</u> Direct allylic amination of allylic alcohols with aromatic/aliphatic amines using Pd/TPPTS as an aqueous phase recyclable catalyst

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Experimental data

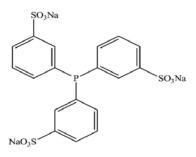
 $^{1.}$ Table S_1 . Test experiments indicating role of each component a

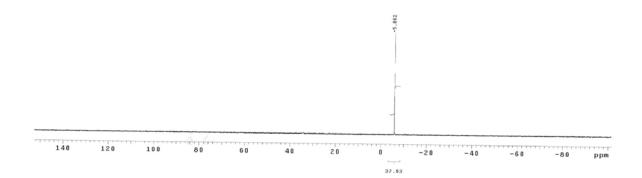
Entry	Pd(OAc) ₂ (mol %)	TPPTS (mol %)	PhCOOH (mol %)	GC yield (%)
1	5.0	20	10	98
2	0.0	20	10	00
3	5.0	00	10	05
4	5.0	20	00	98

^aReaction conditions: Cinnamyl alcohol (5 mmol), *N*-methyl aniline (6 mmol), water (10 mL), 100 °C, 4 h.

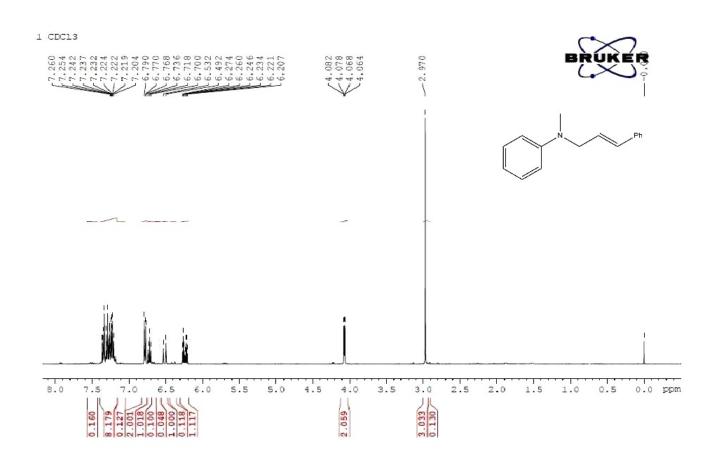
2. Copy of ³¹P NMR, TPPTS ligand



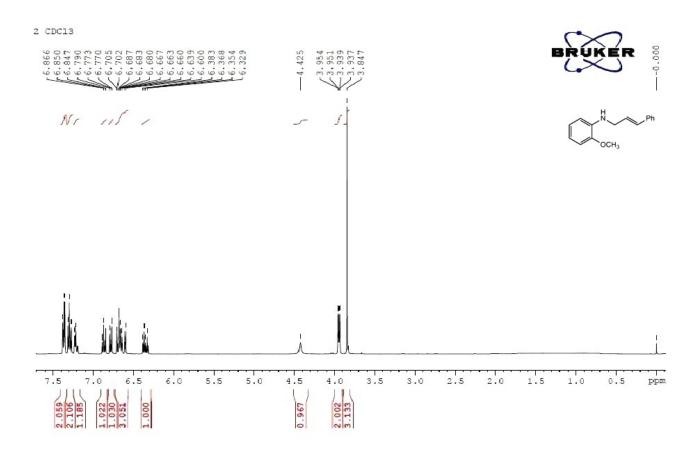




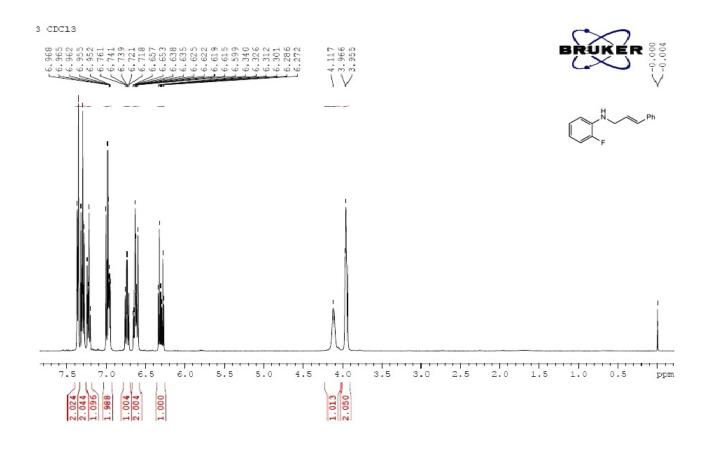
- 3. ¹H NMR Spectral Data
- 3.1 Copy of ¹H NMR, 3a



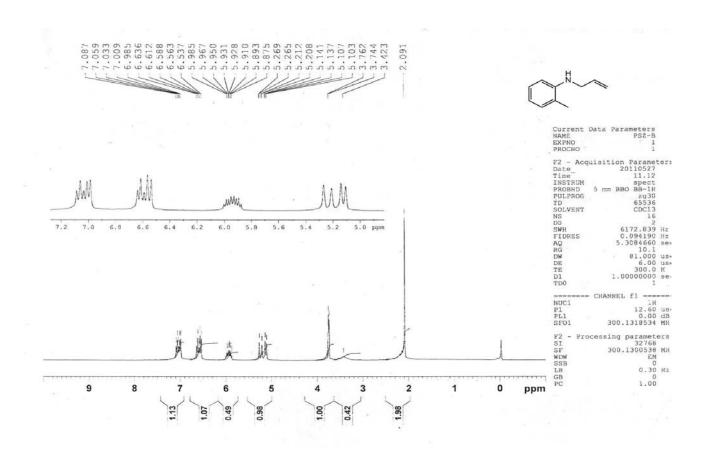
3.2 Copy of ¹H NMR, 3c



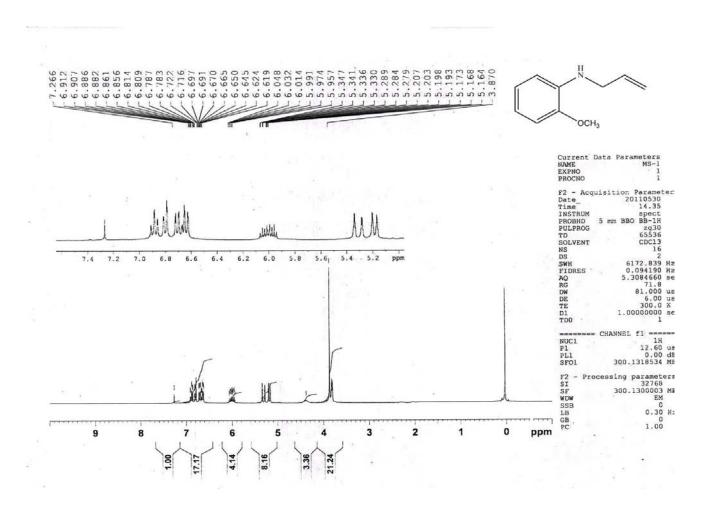
3.3 Copy of ¹H NMR, 3d



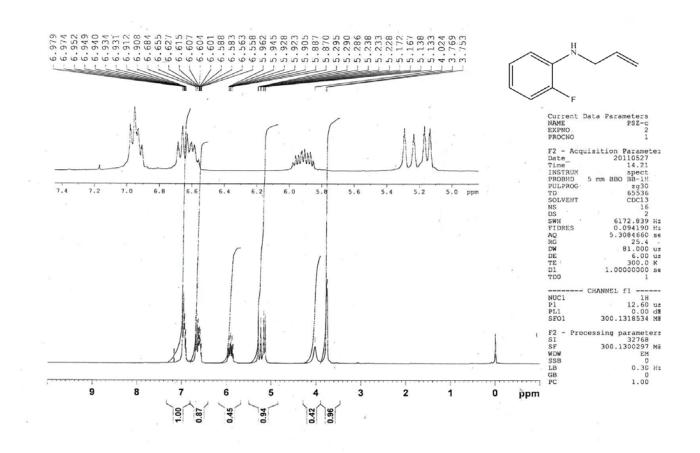
3.4 Copy of ¹H NMR, 6b



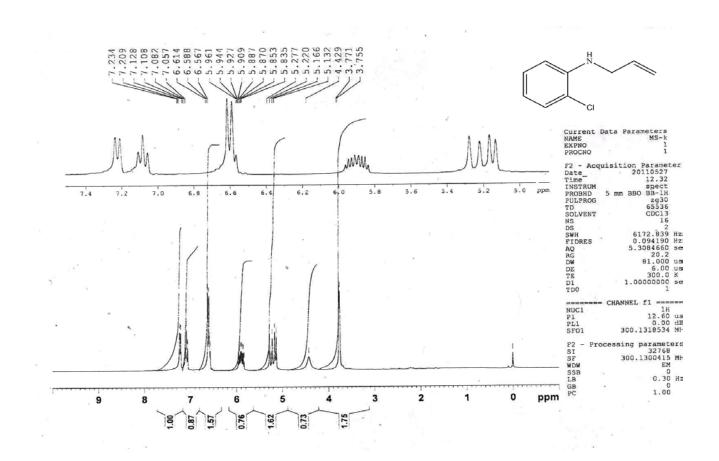
3.5 Copy of ¹H NMR, 6c



3.6 Copy of ¹H NMR, 6d



3.7 Copy of ¹H NMR, 6e



3.8 Copy of ¹H NMR, 6f

