

Figure 1A

a

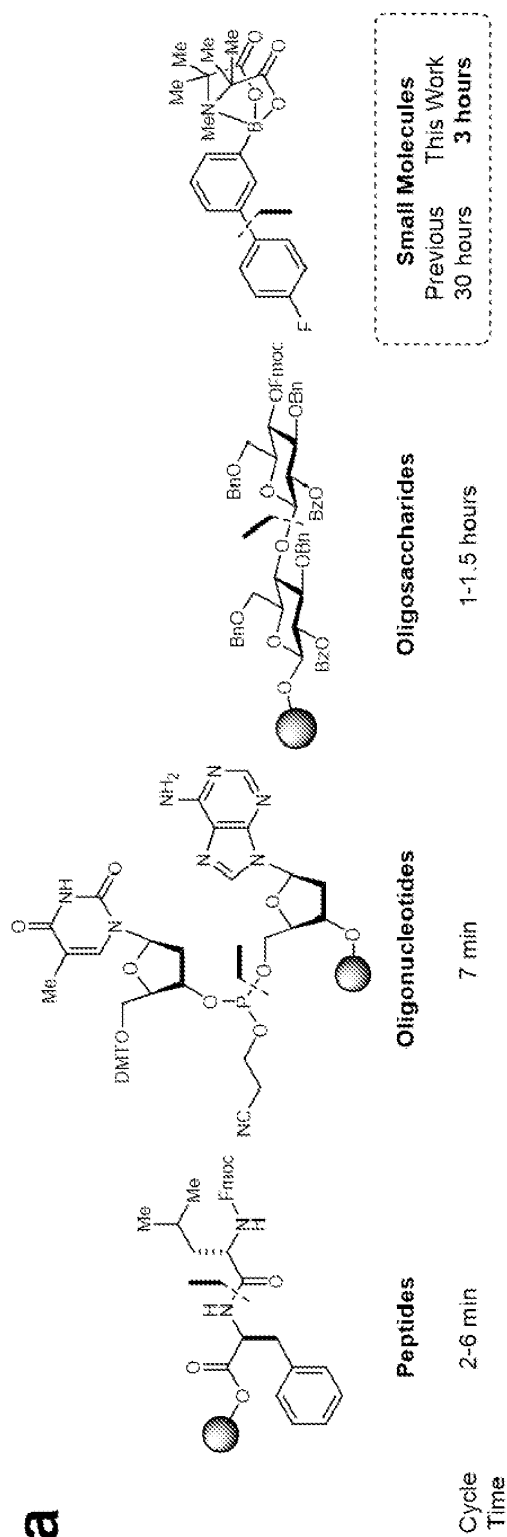


Figure 1B

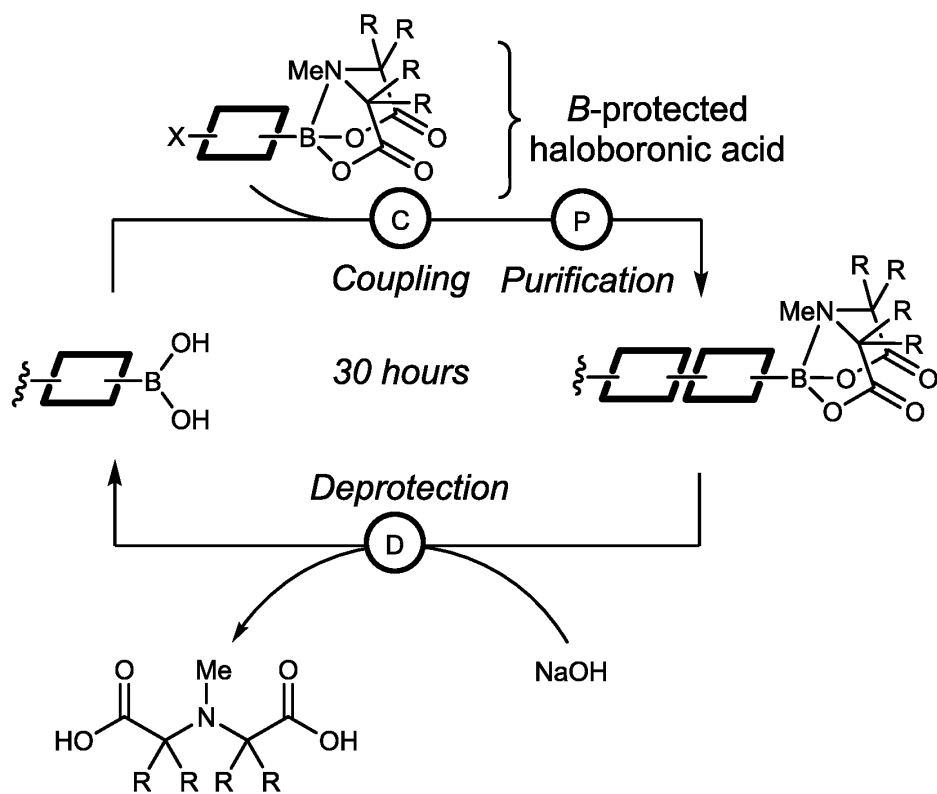
b*MIDA (R=H): 2015**TIDA (R=Me): 2022*

Figure 1C

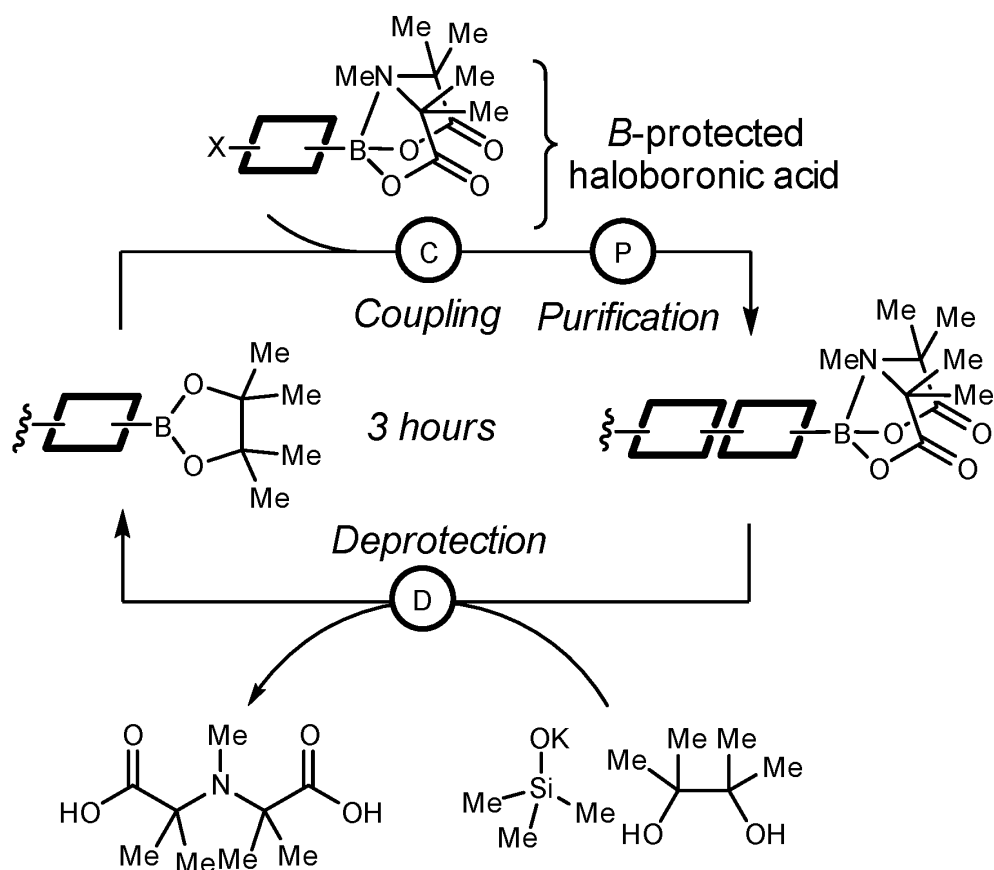
C*This Work*

Figure 2A

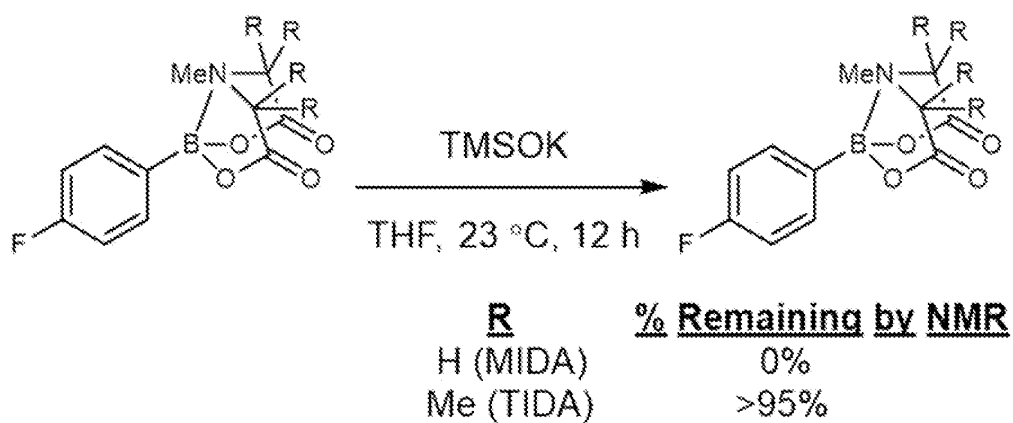


Figure 2B

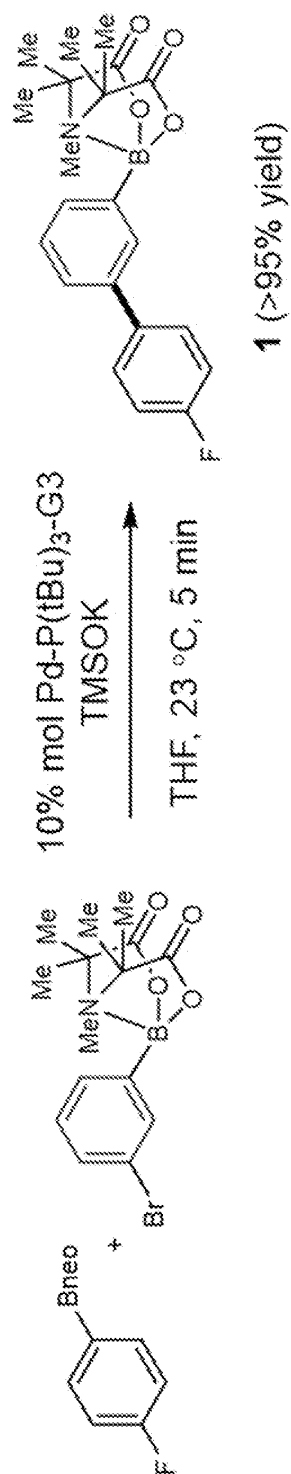


Figure 2C

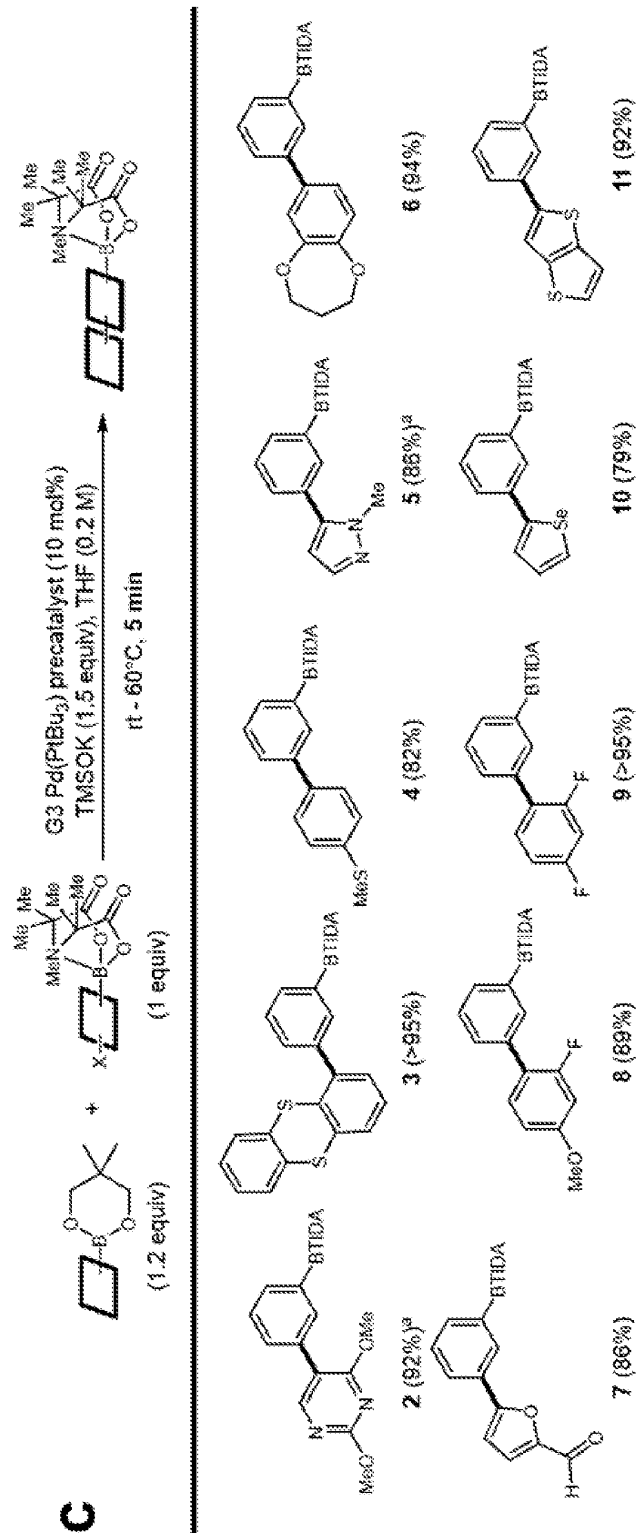


Figure 2C CONT

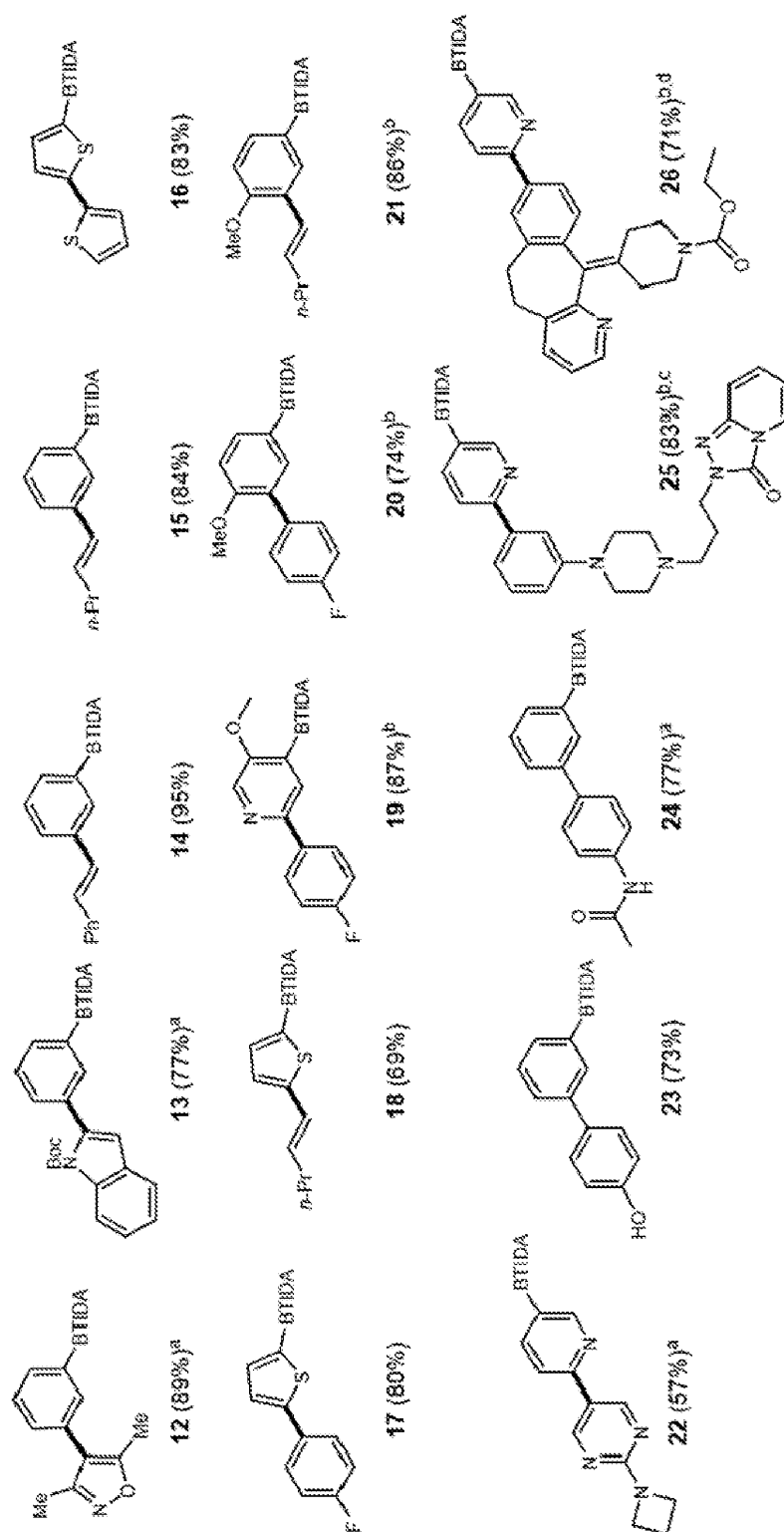


Figure 3A

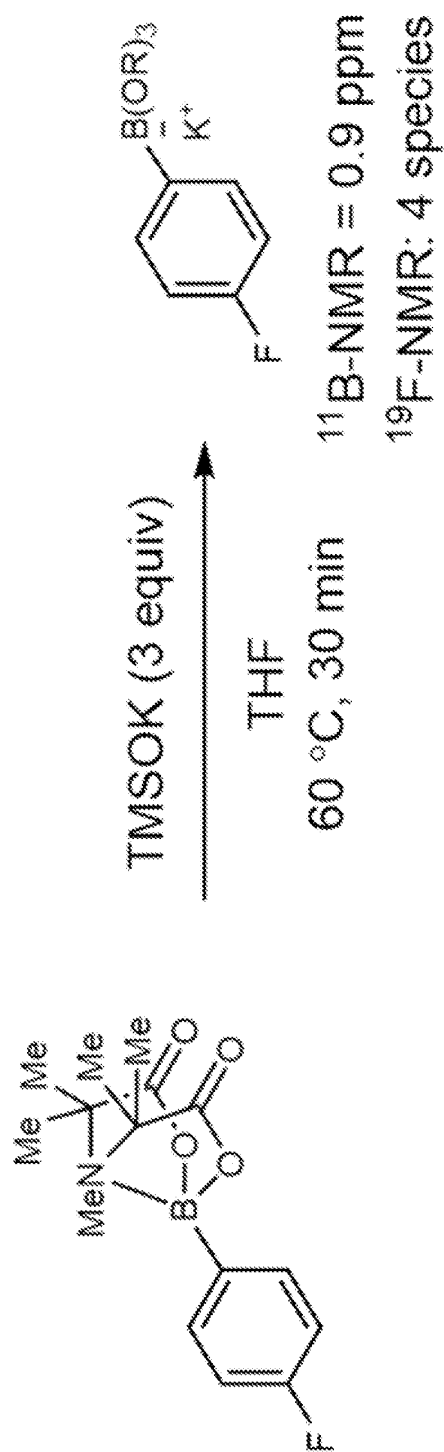


Figure 3B

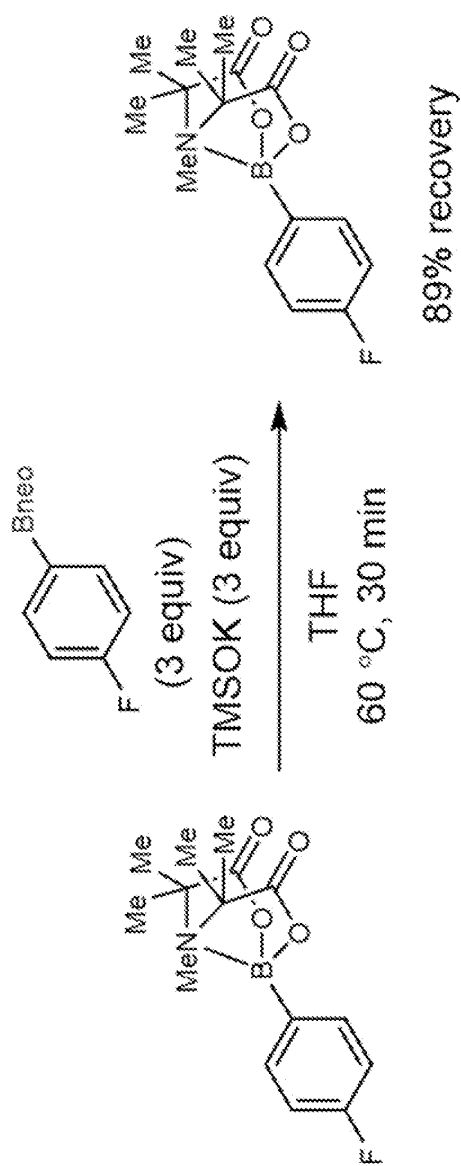


Figure 3C

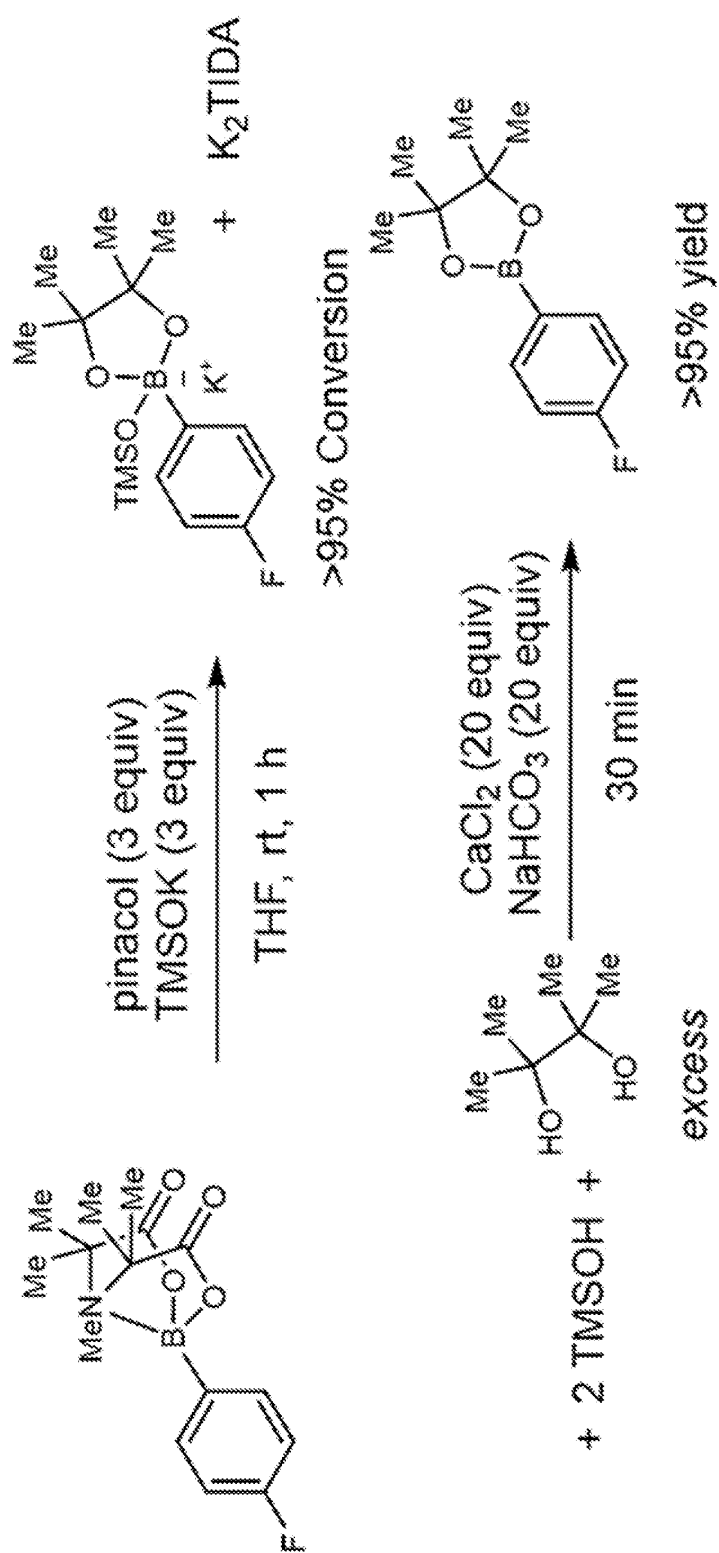


Figure 3D

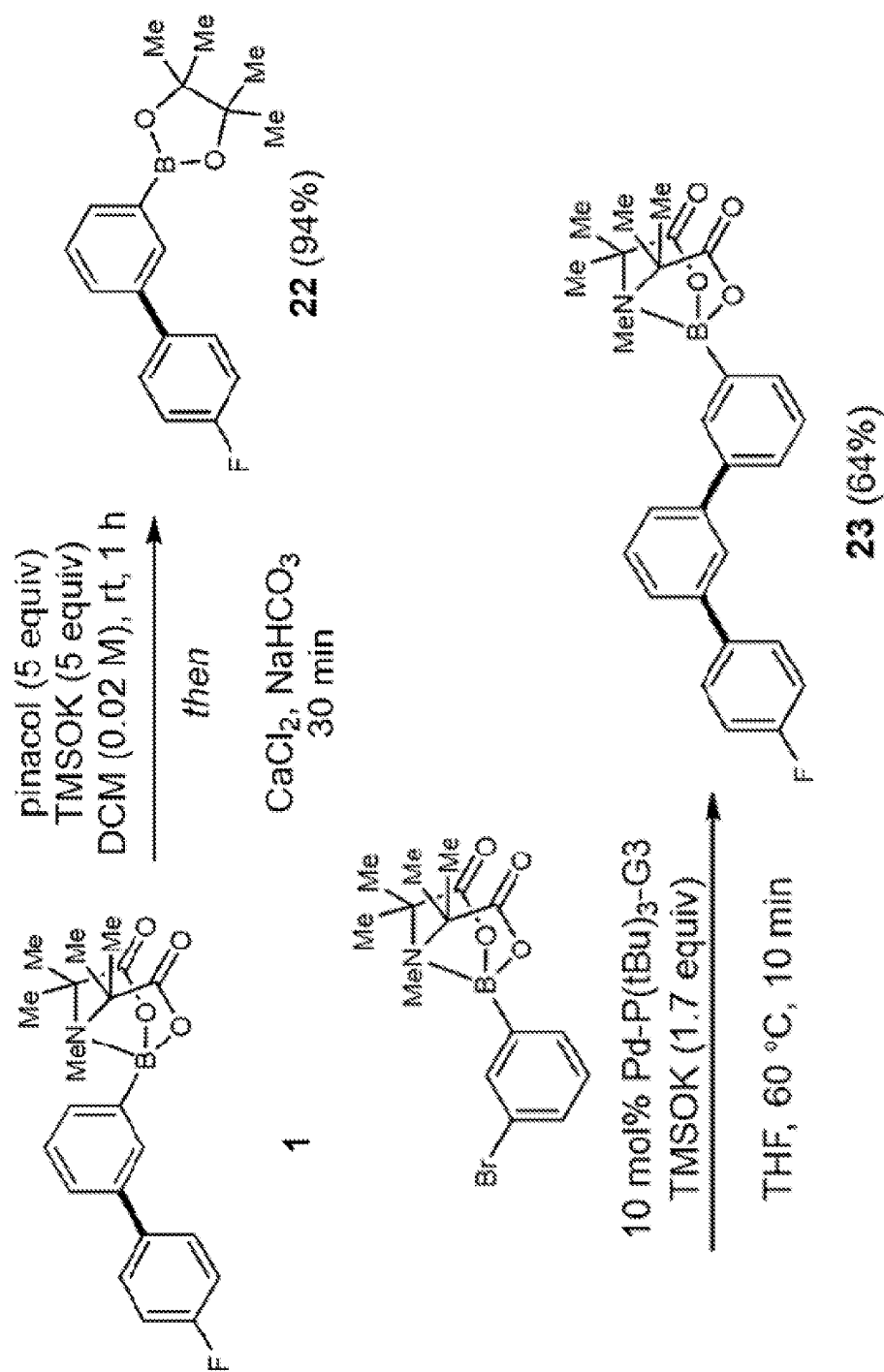


Figure 4A

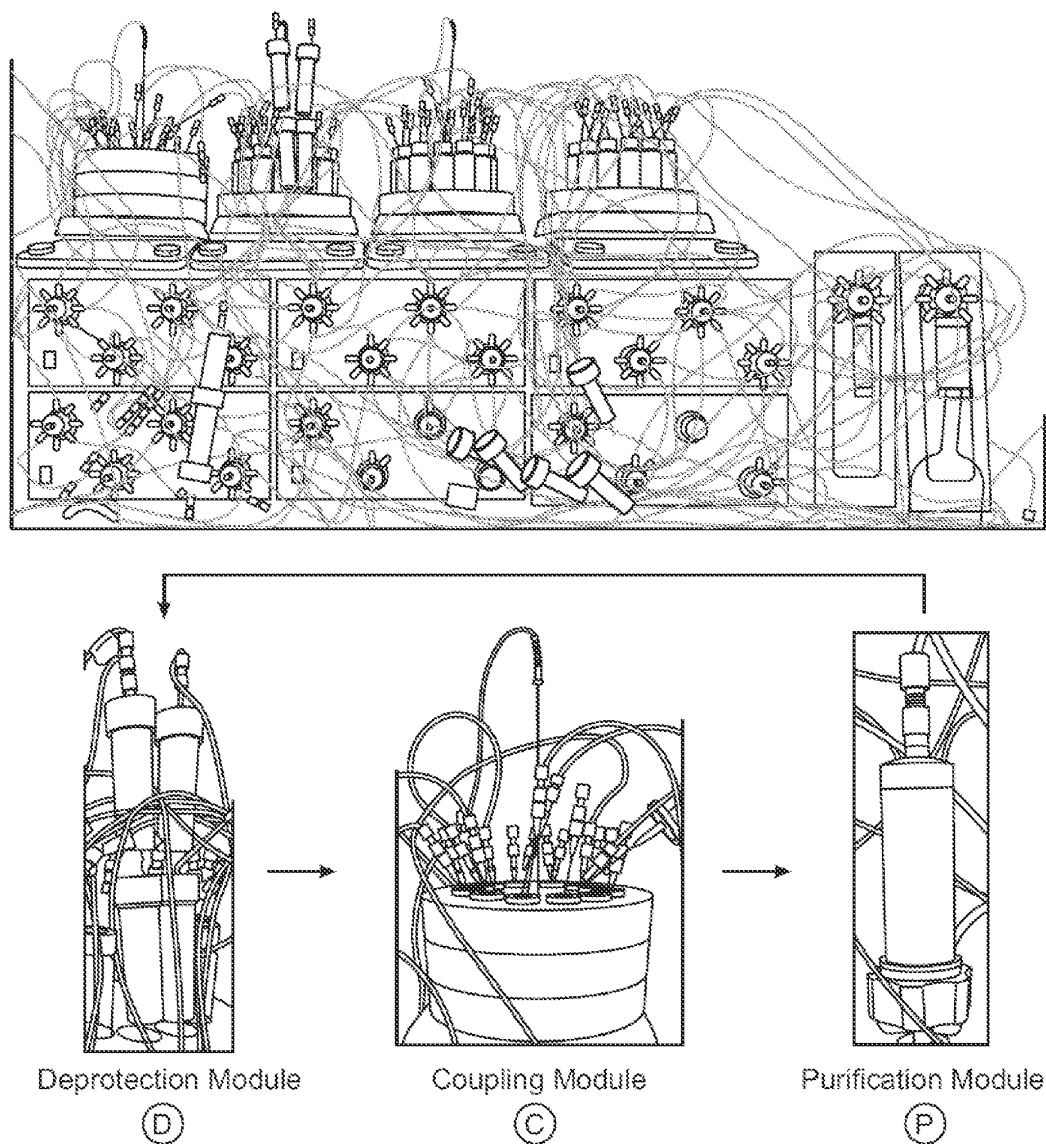


Figure 4B

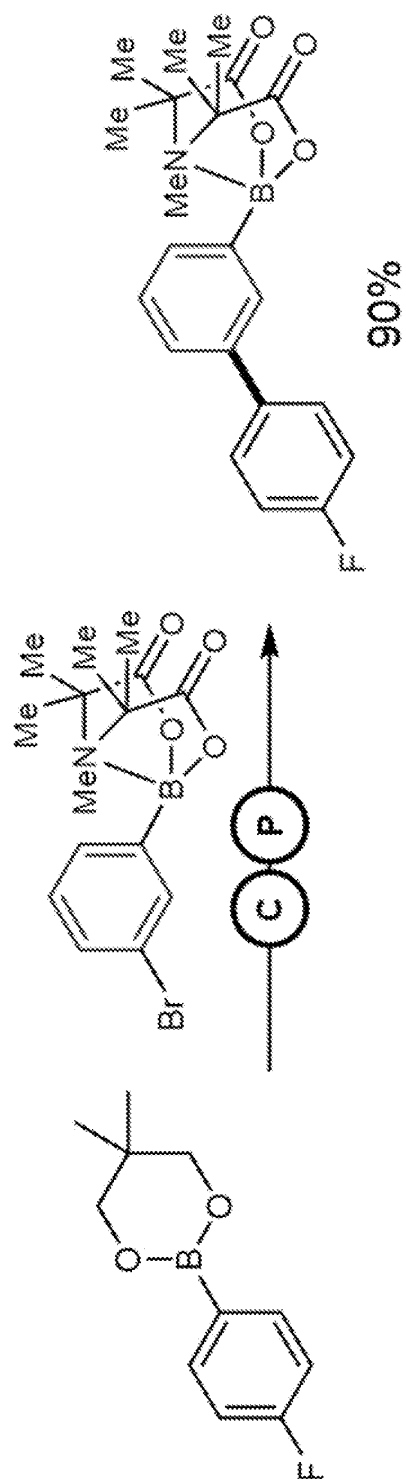


Figure 4C

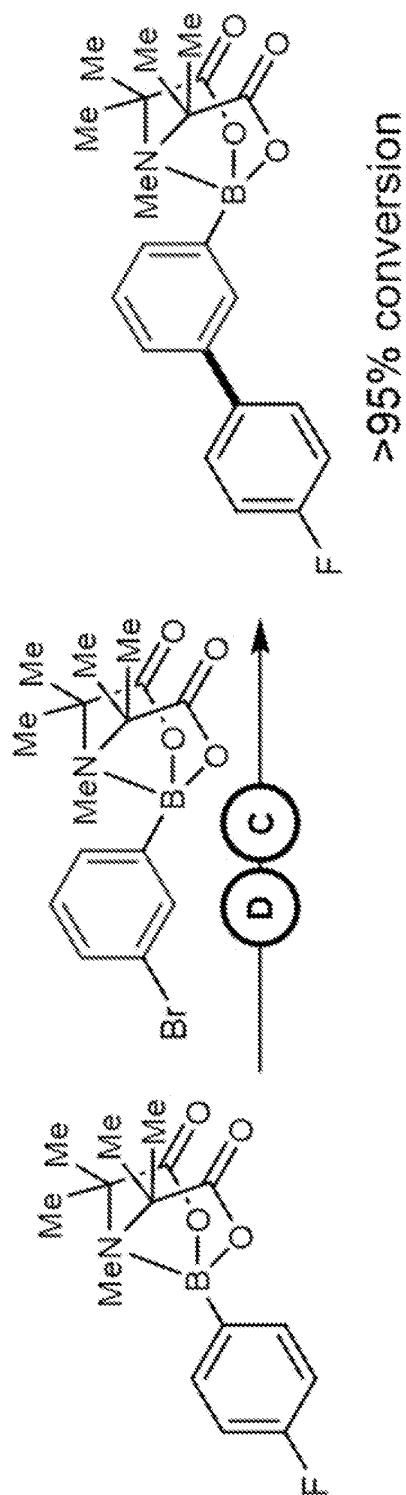


Figure 4D

d Rapid Automated Synthesis

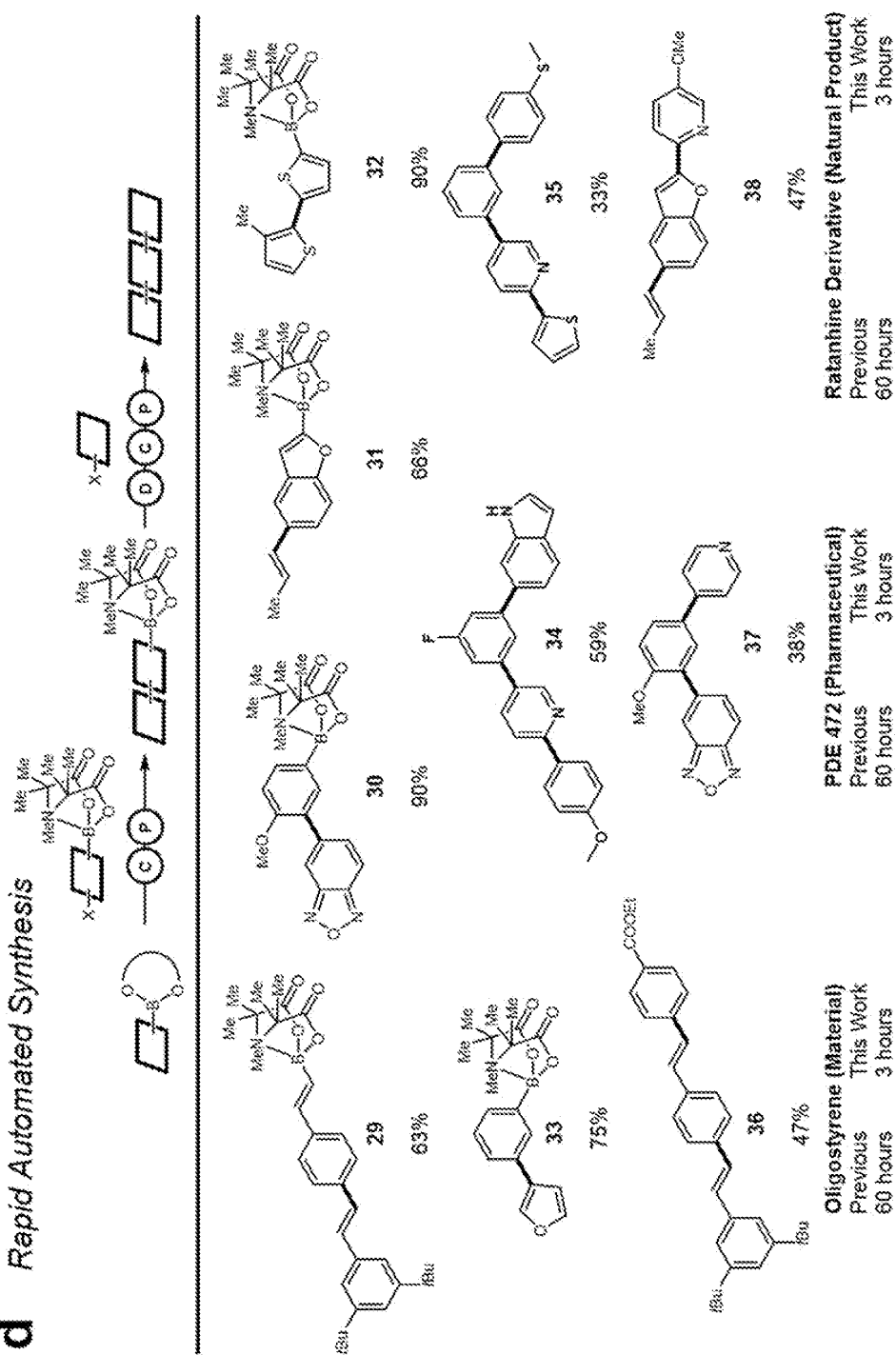


Figure 5A

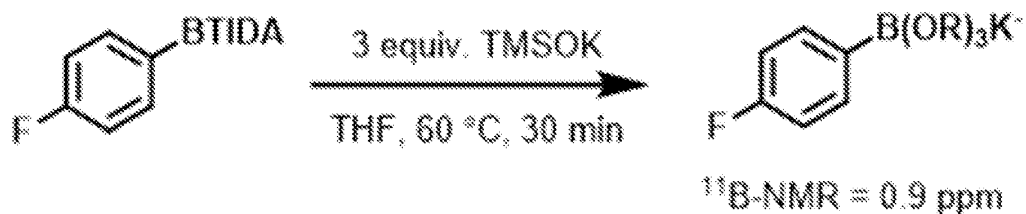
a *TIDA Heating with TMSOK*

Figure 5B

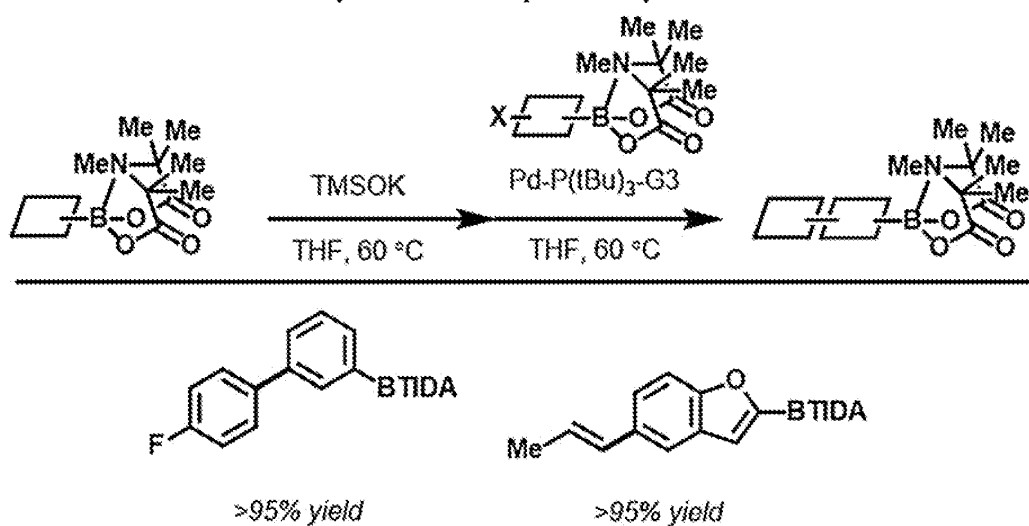
b *Activated-Couple of Simple Csp² TIDA*

Figure 6

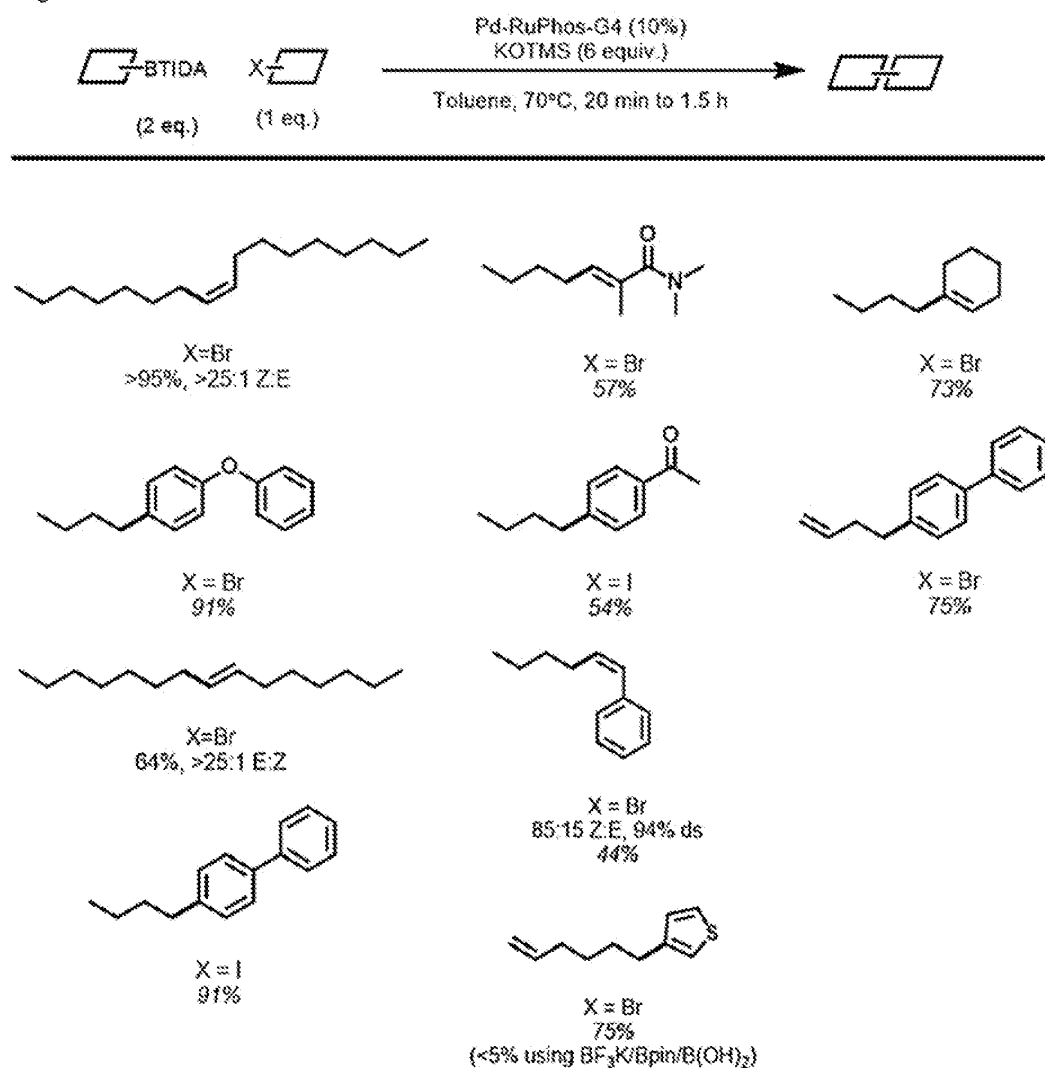


Figure 7

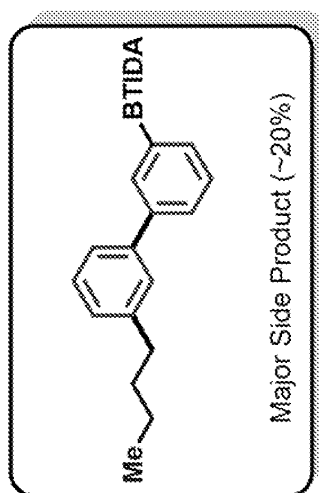
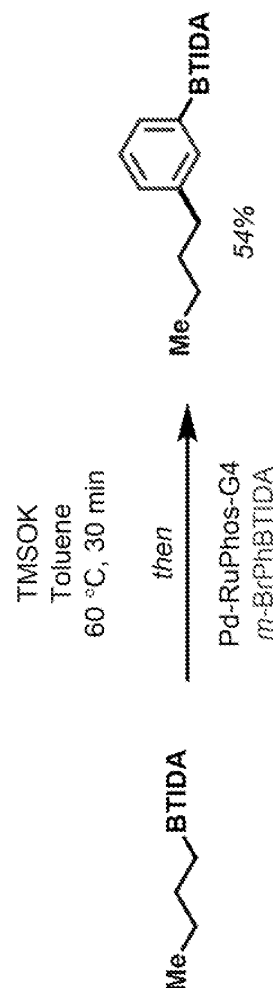
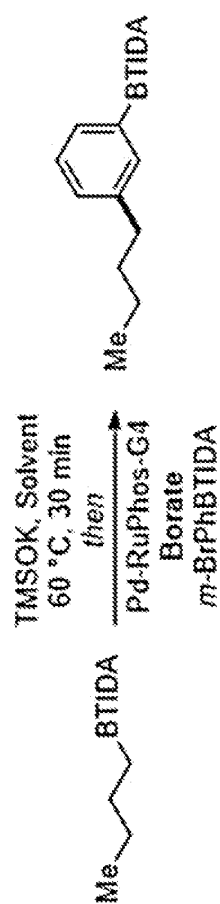


Figure 8A

a Lewis Acid screen

Borate	Solvent	Ratio Prod.:Homo
B(OTMS) ₃	Toluene	5:1
B(OMe) ₃	Toluene	-
B(OiPr) ₃	Toluene	-
B(OTMS) ₃	THF	>20:1

Figure 8B

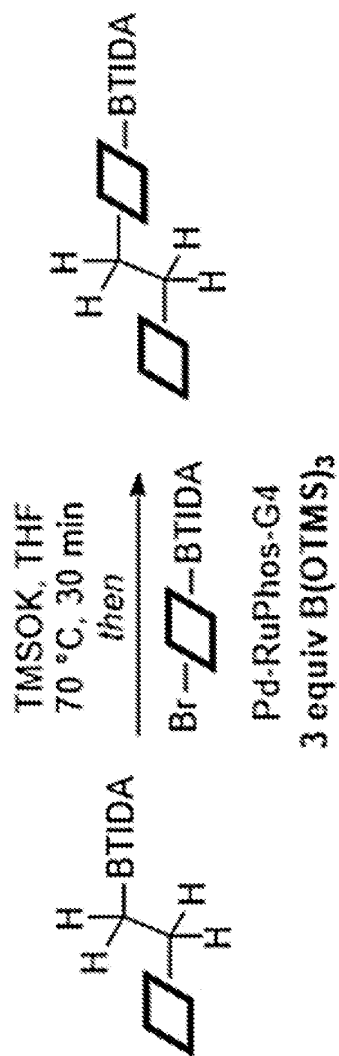
b *Current scope of iterative alkyl BTIDA coupling*

Figure 9

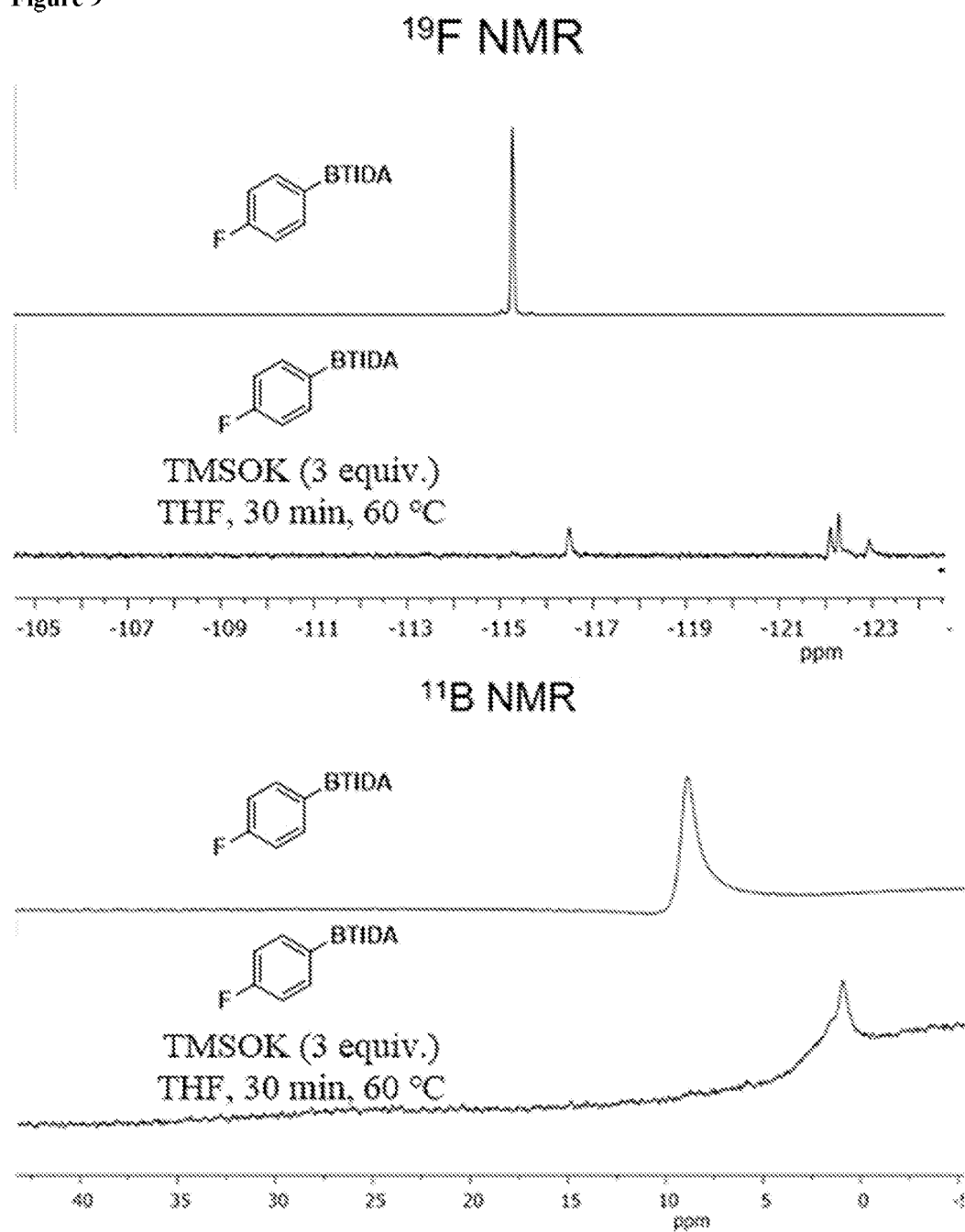


Figure 10

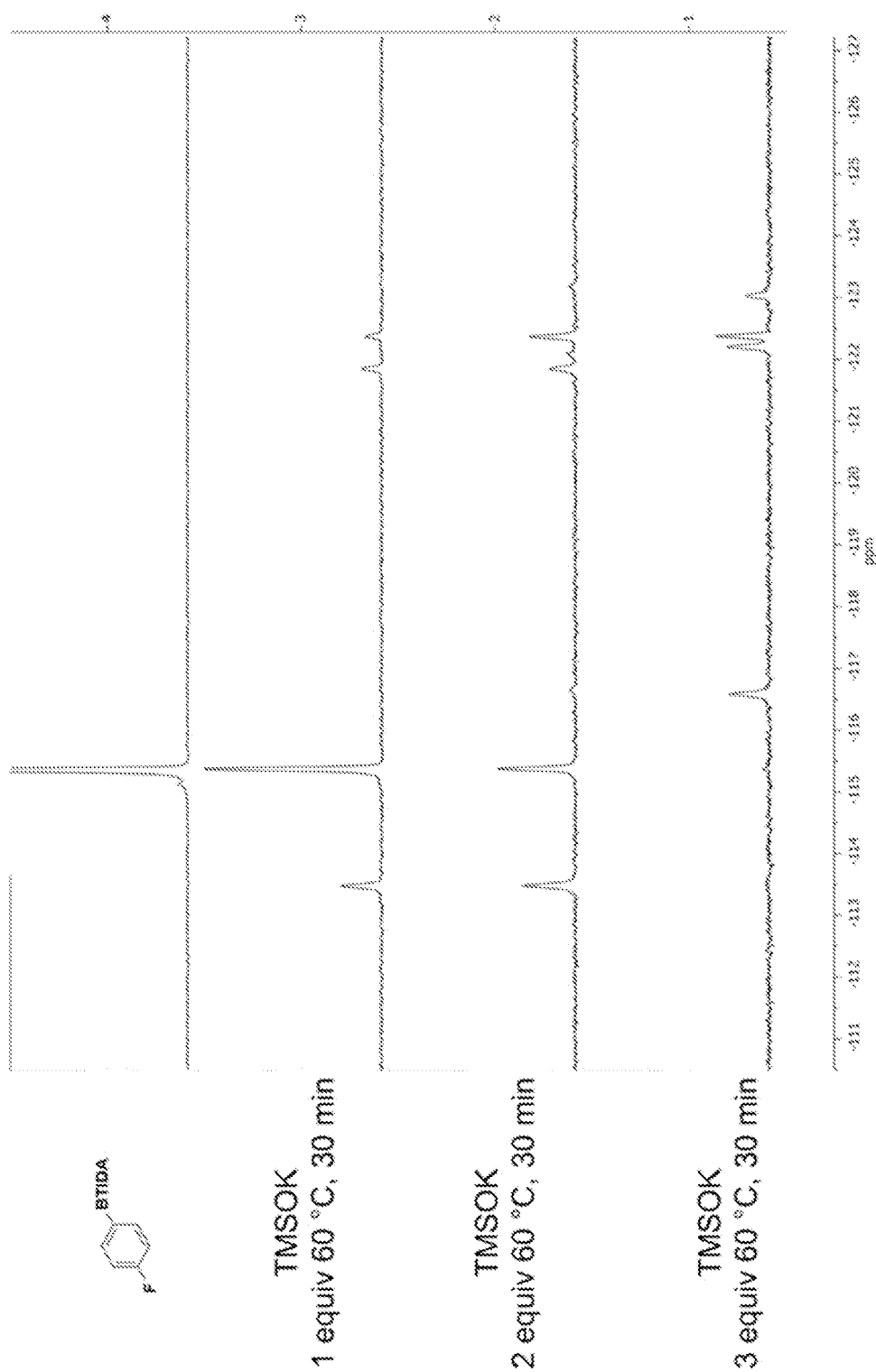


Figure 11

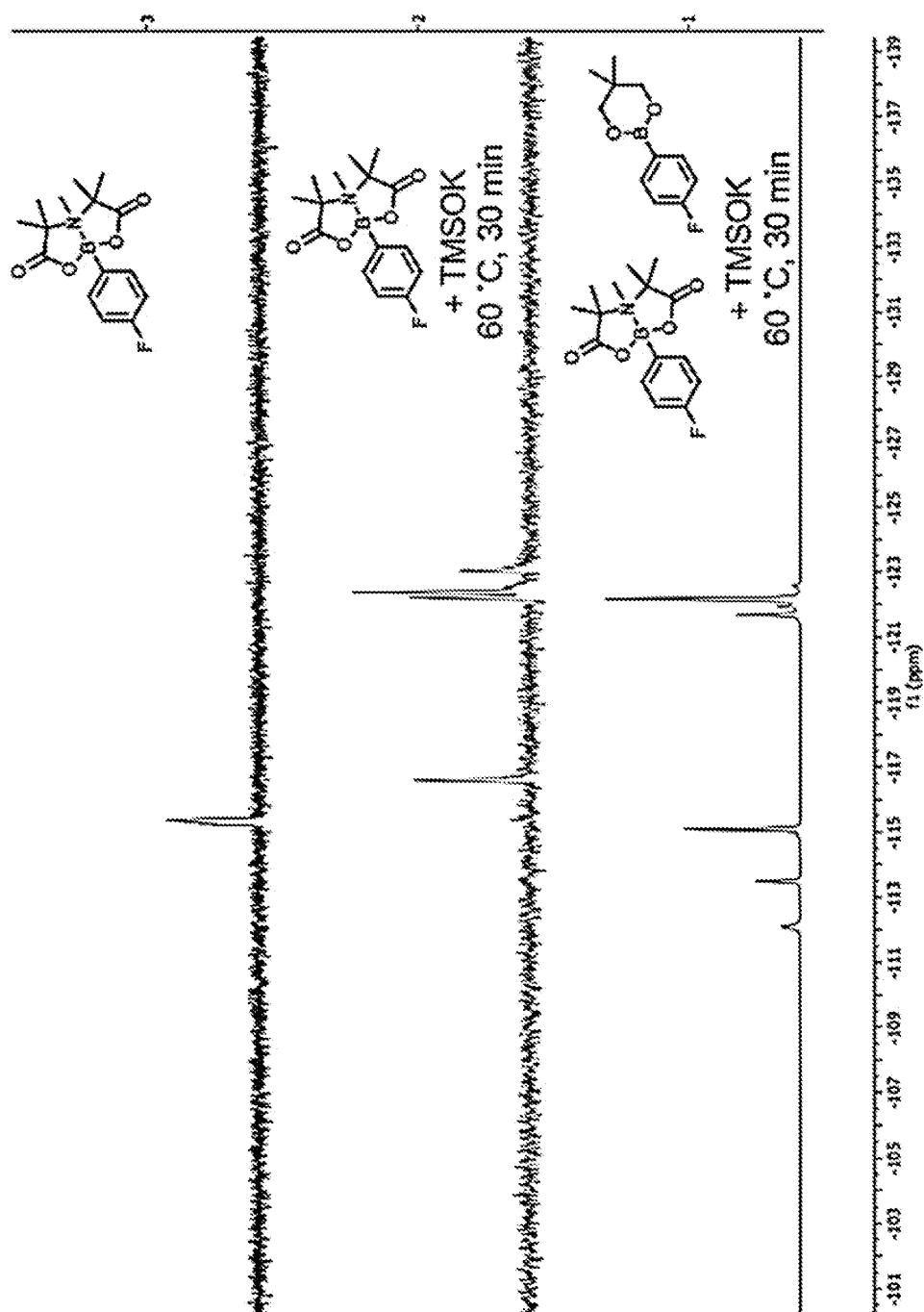


Figure 12

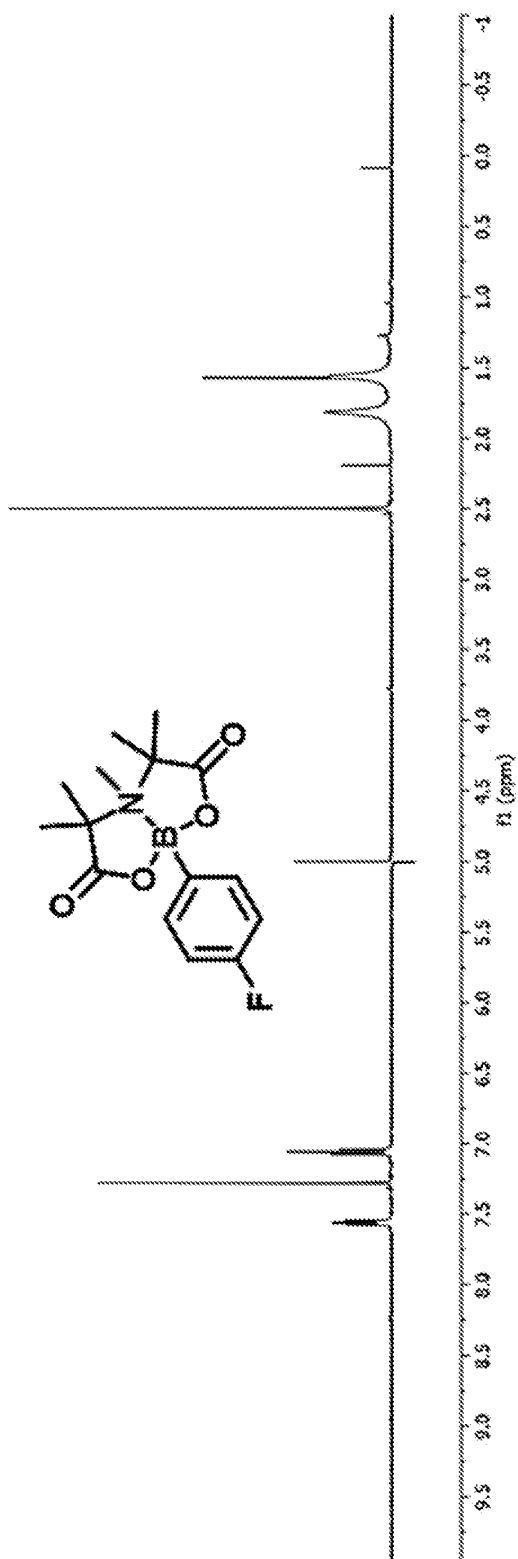


Figure 13

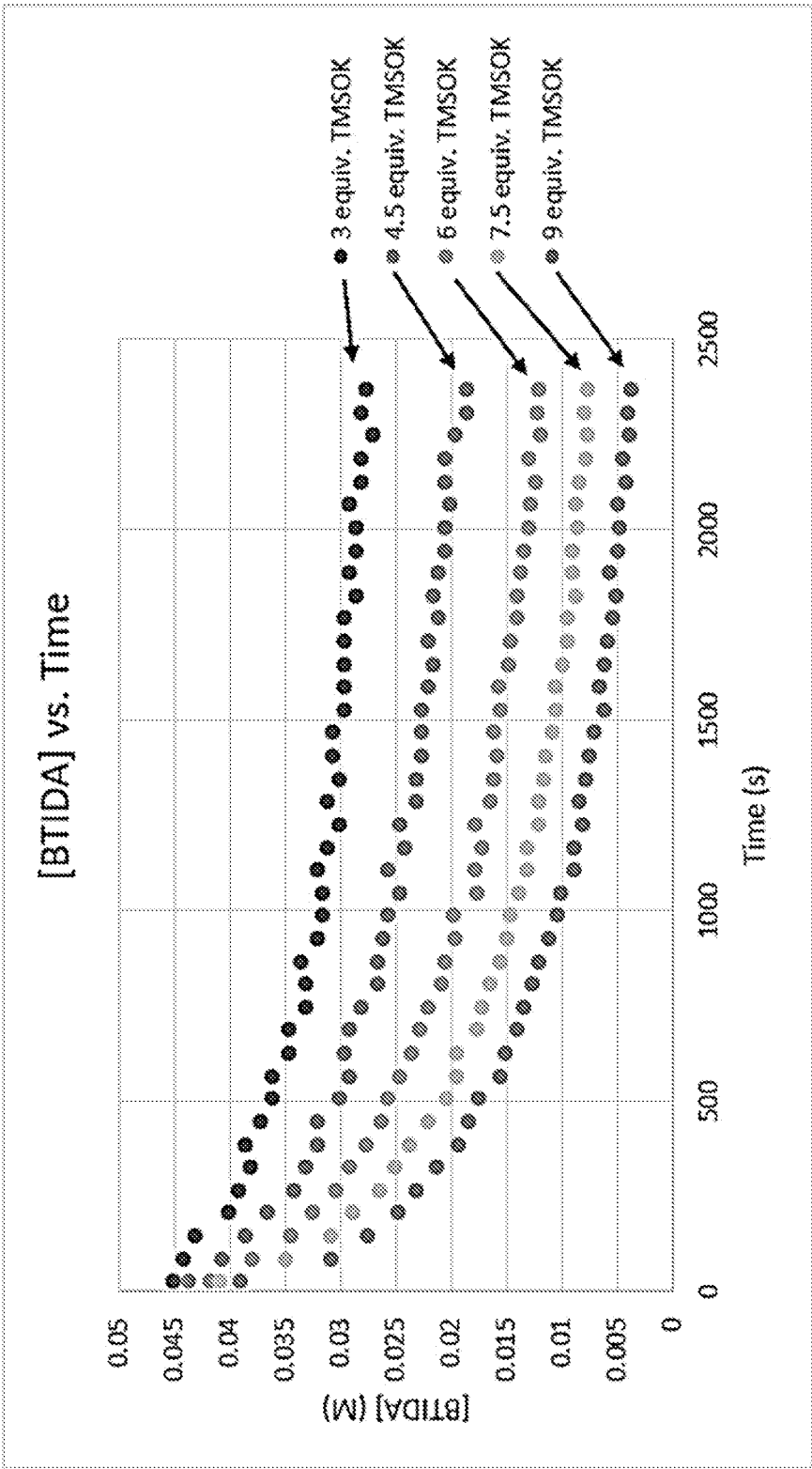


Figure 14

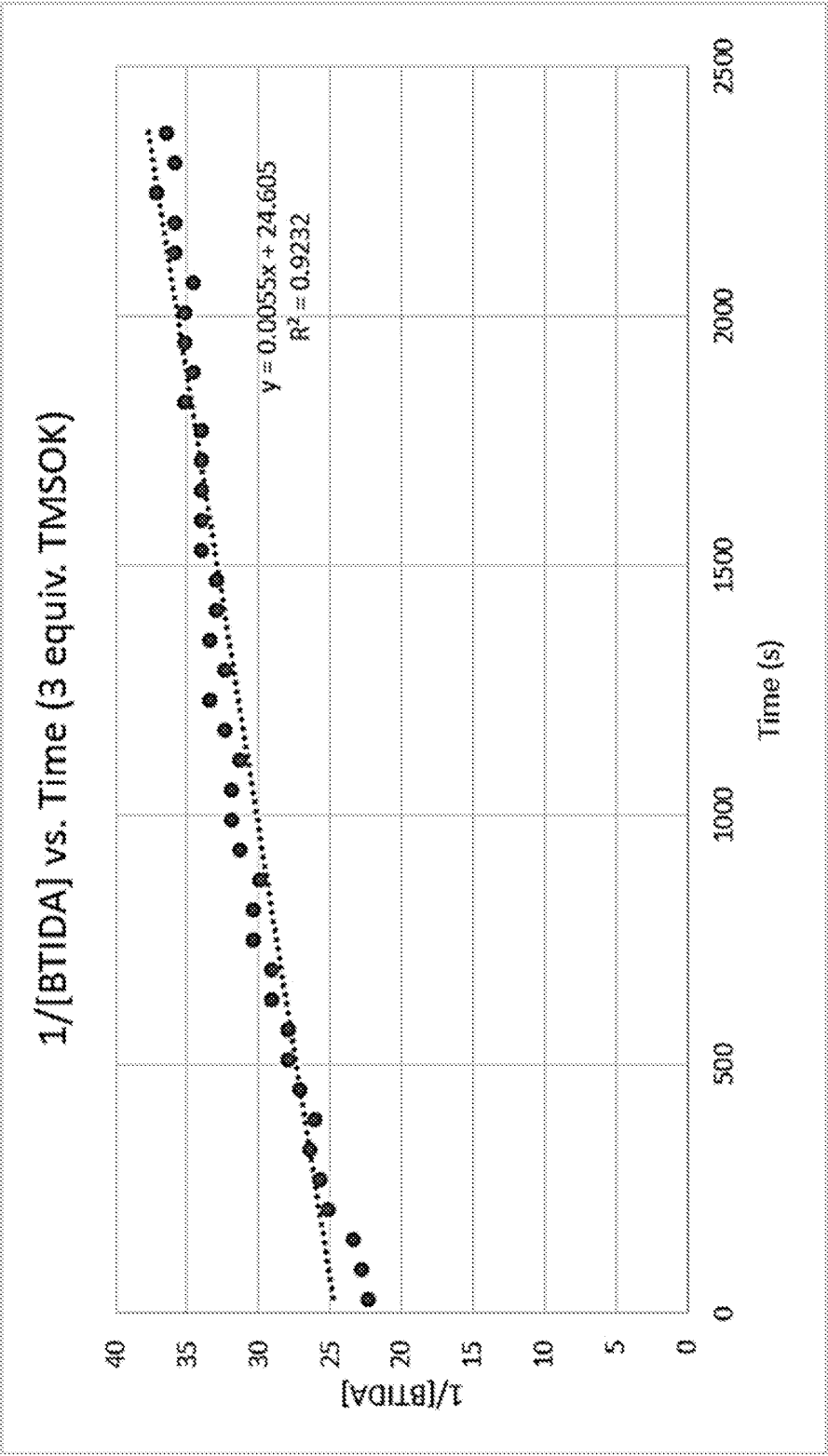


Figure 15

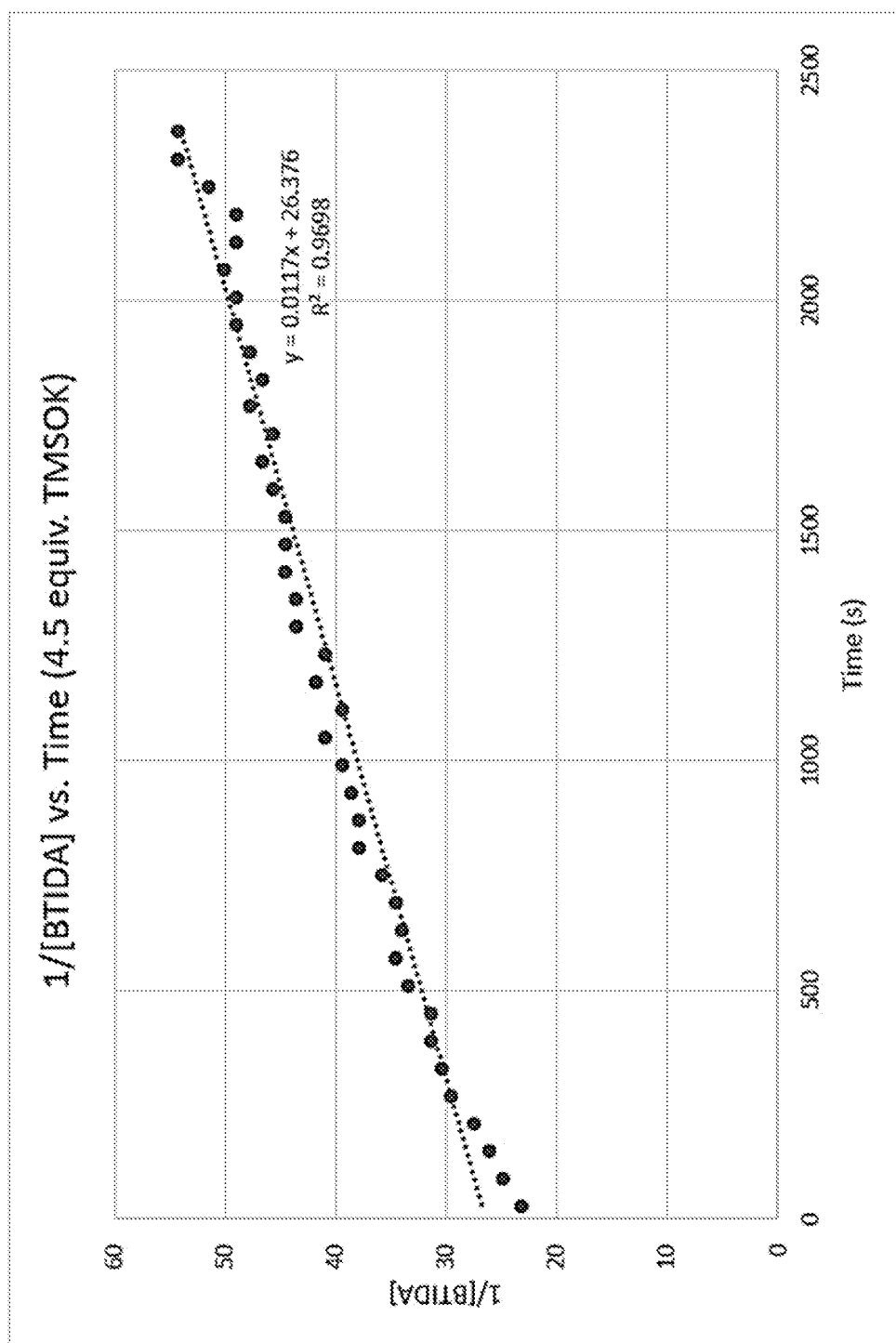


Figure 16

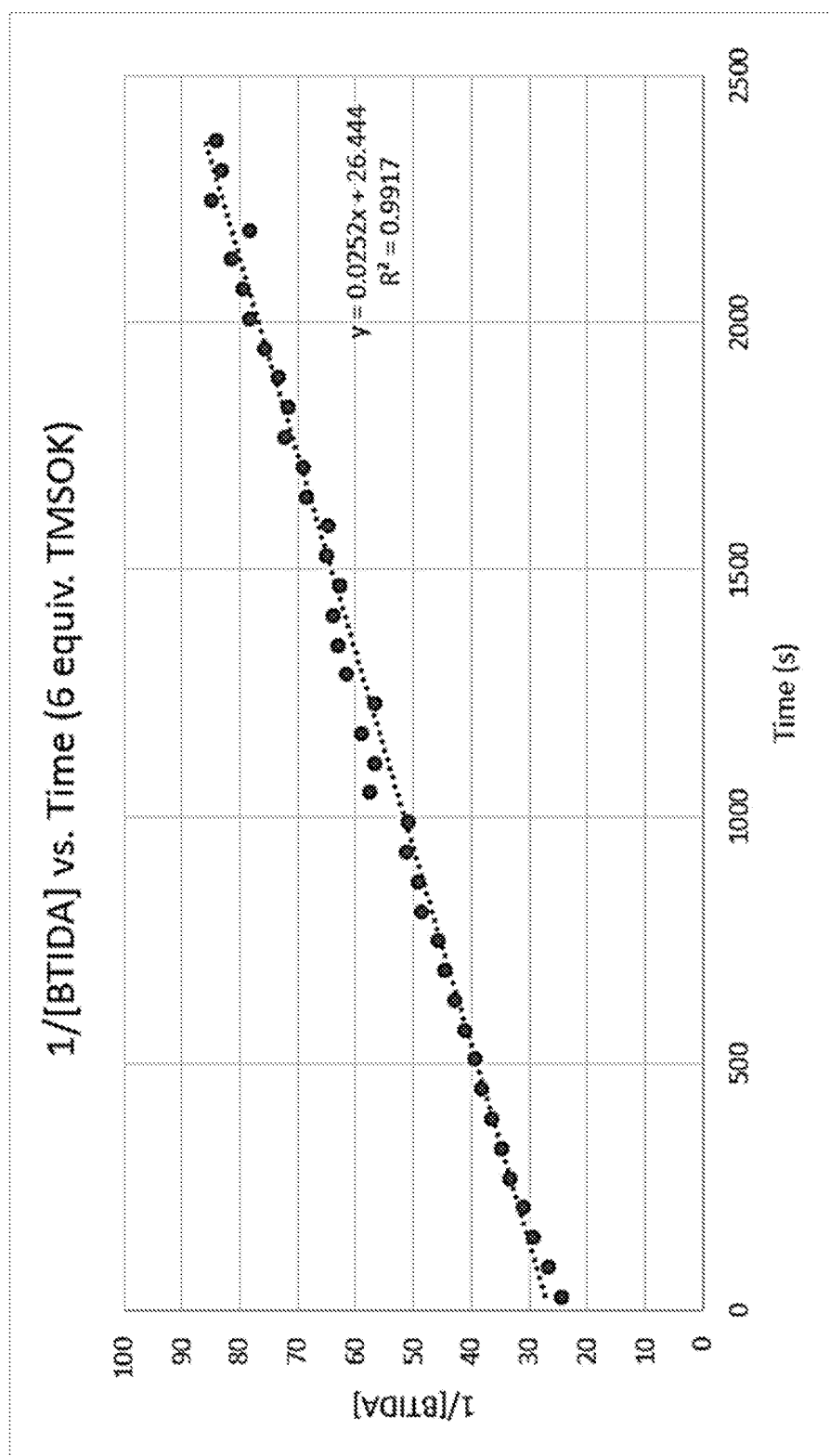


Figure 17

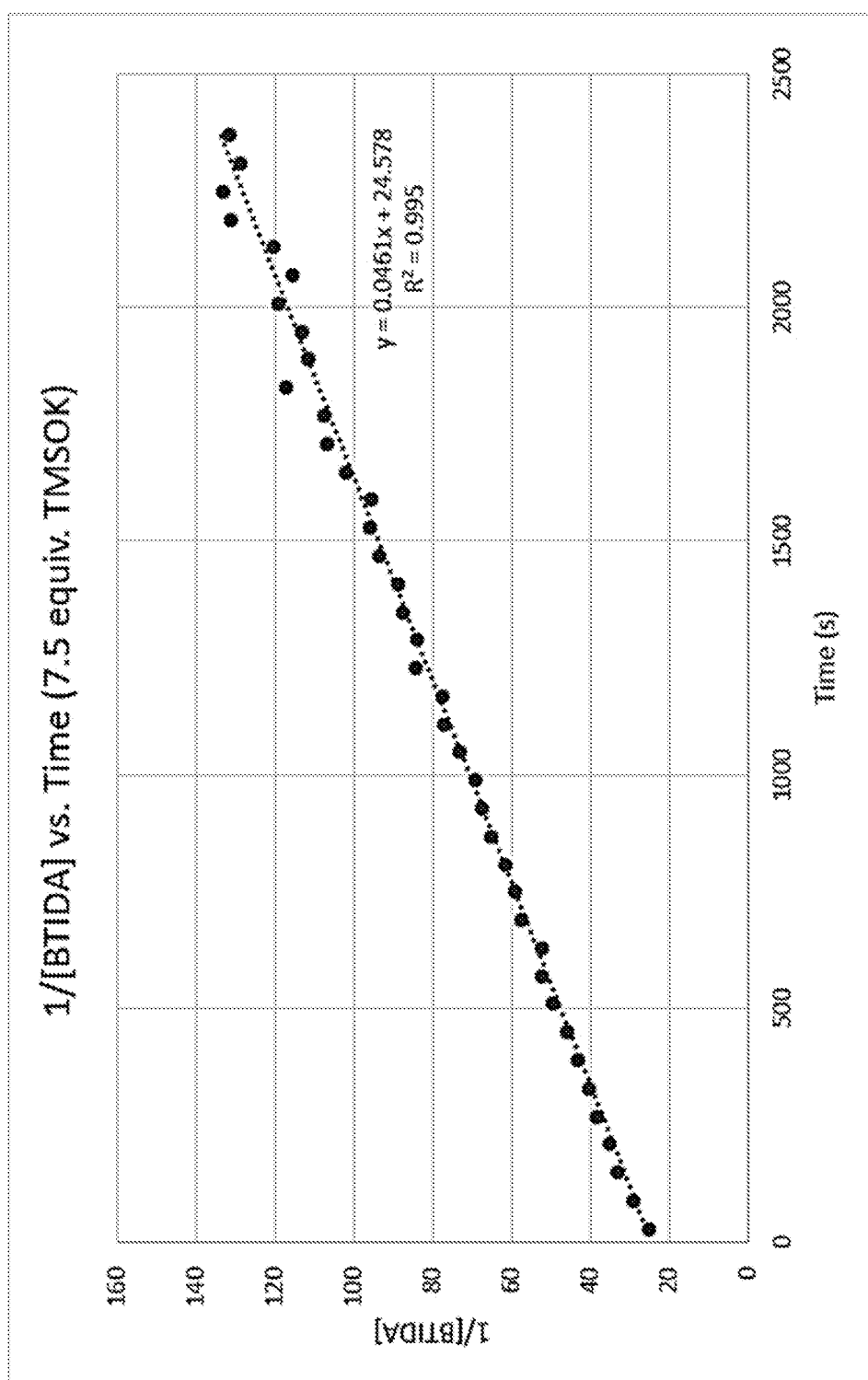


Figure 18

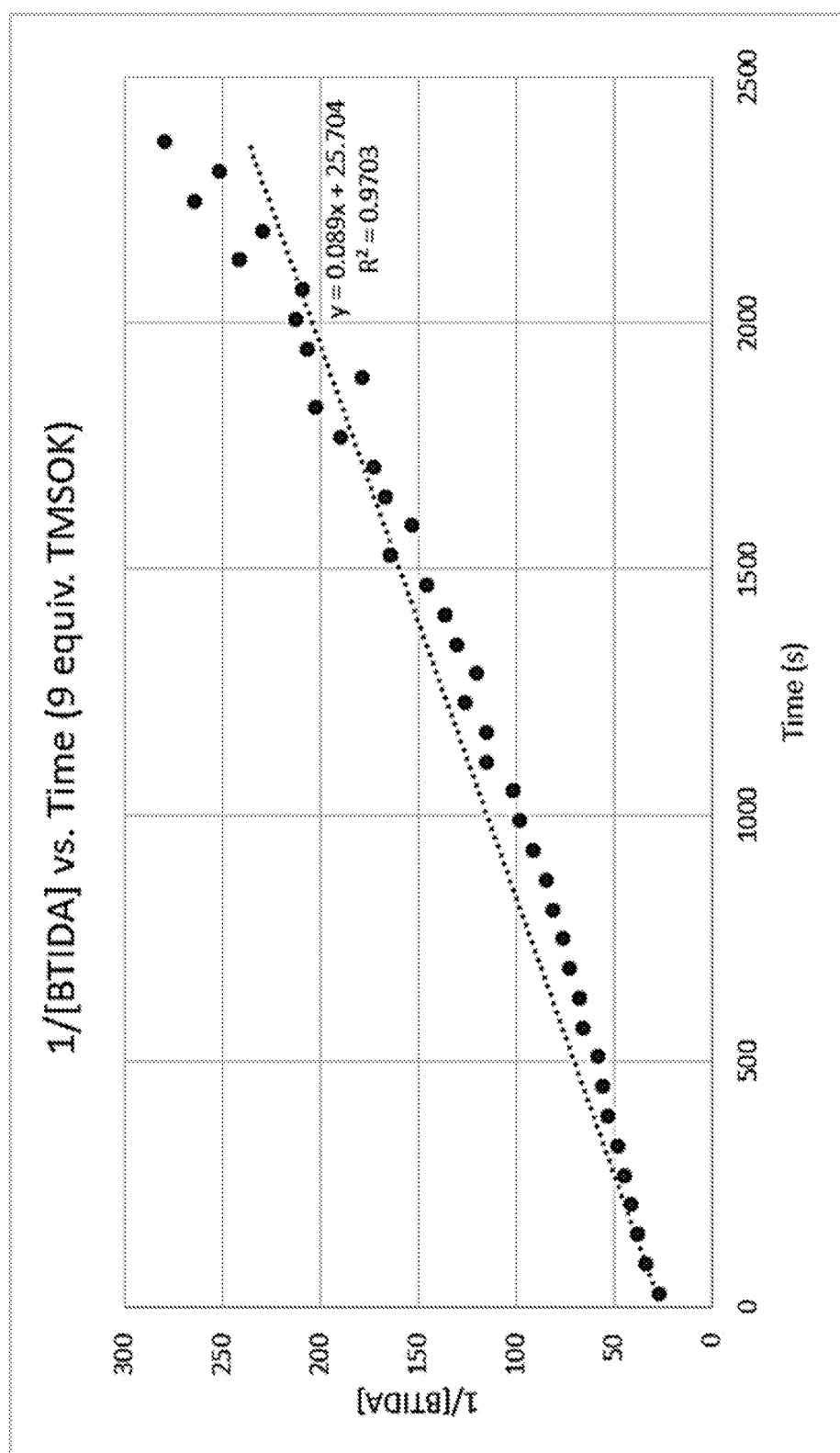


Figure 19

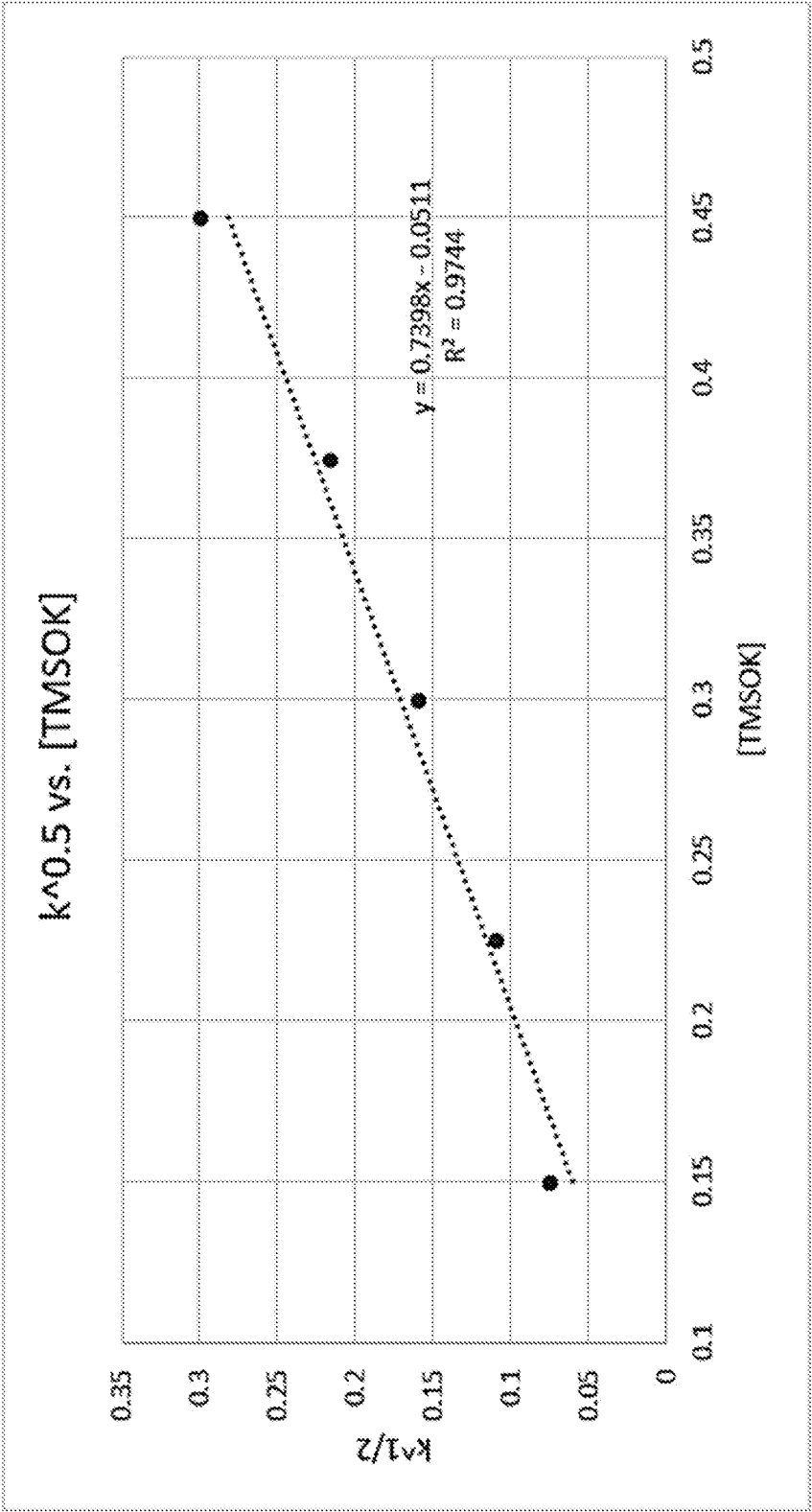


Figure 20

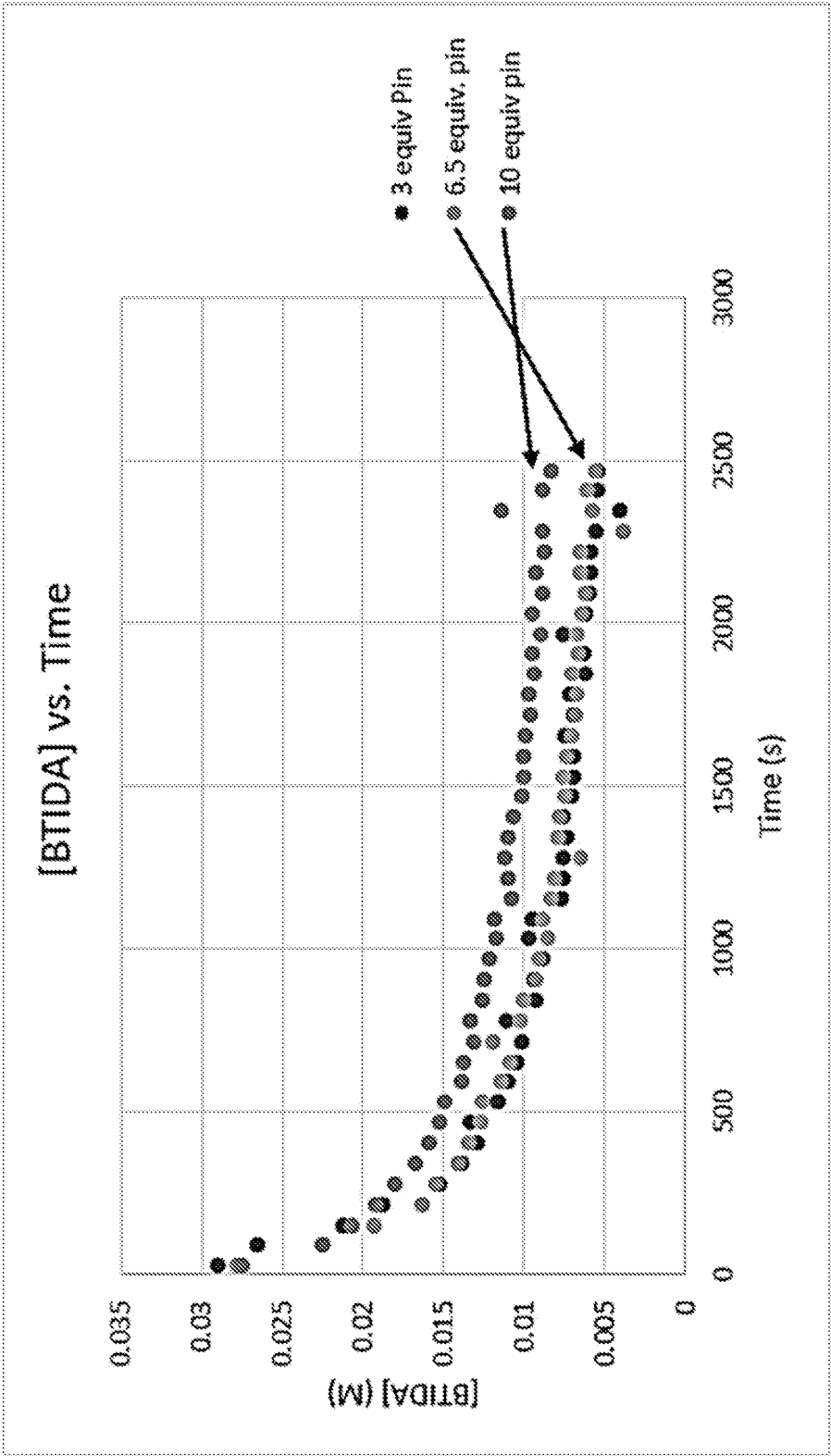


Figure 21

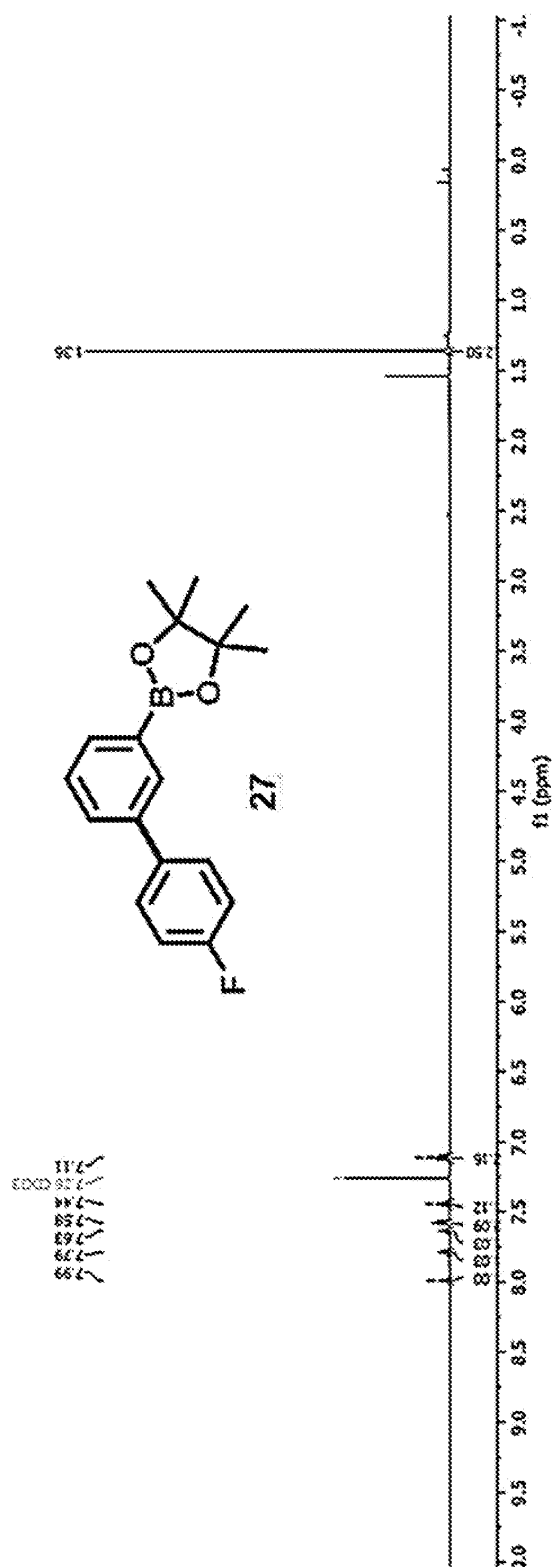


Figure 22

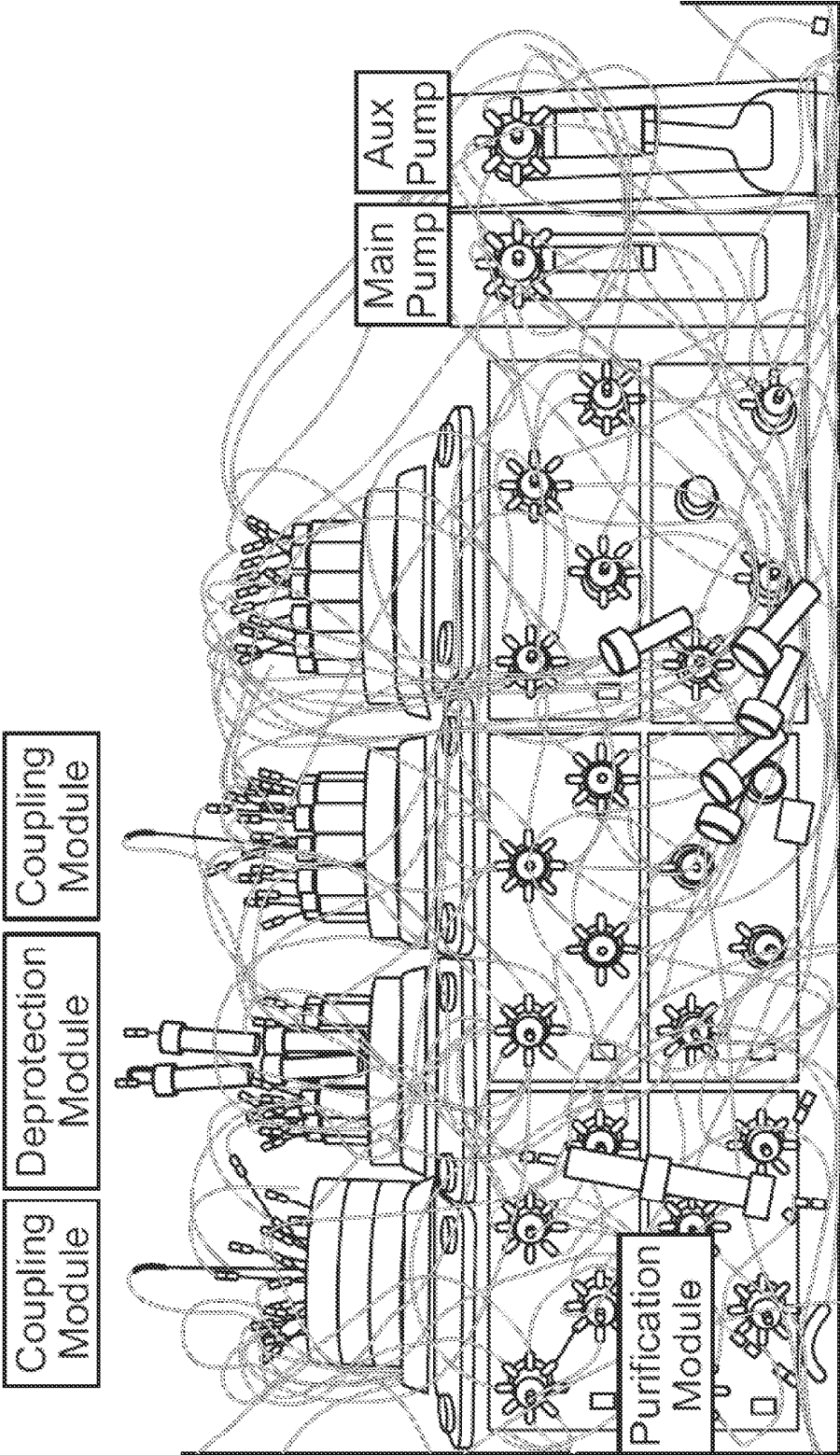


Figure 23

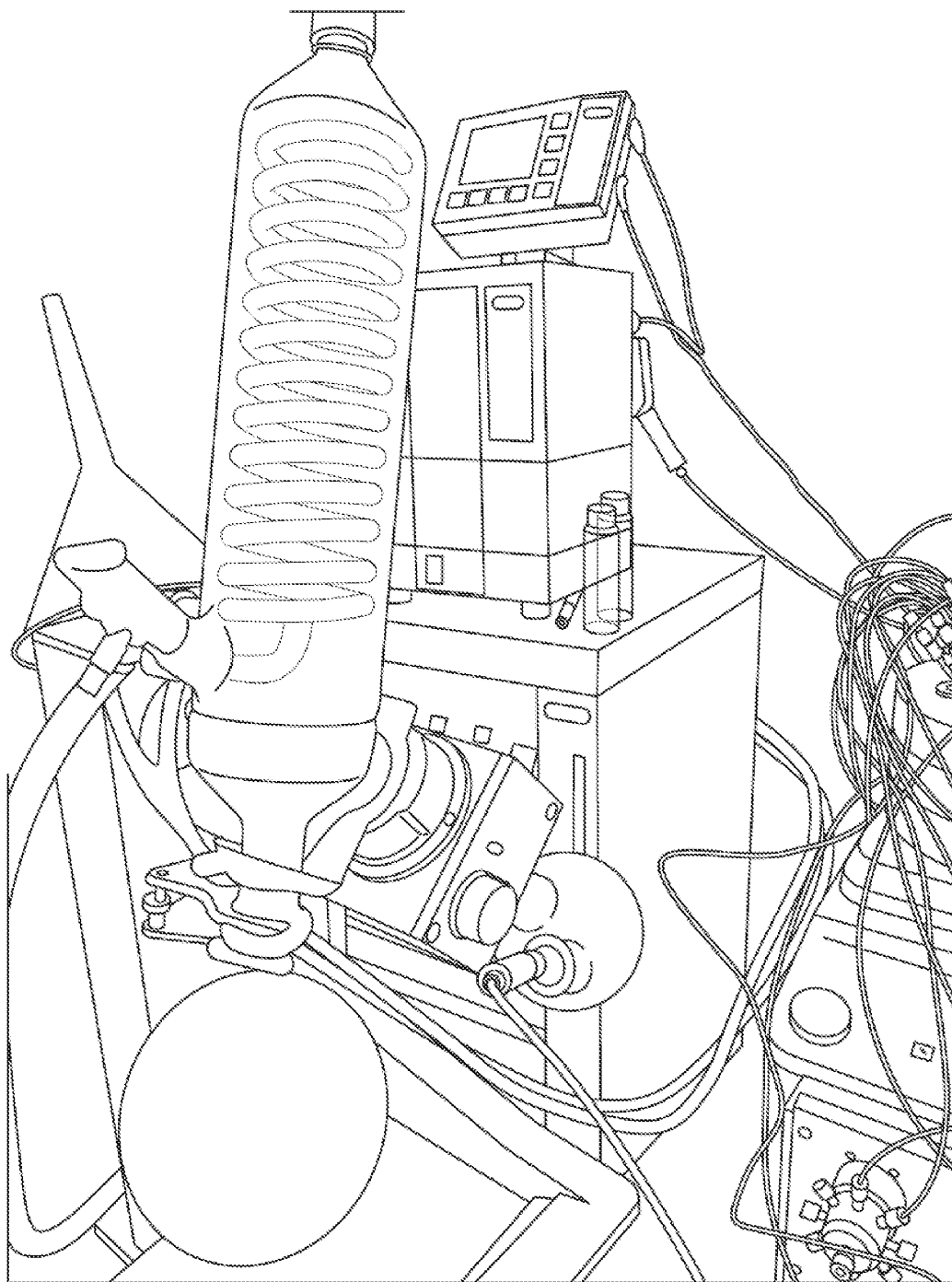


Figure 24

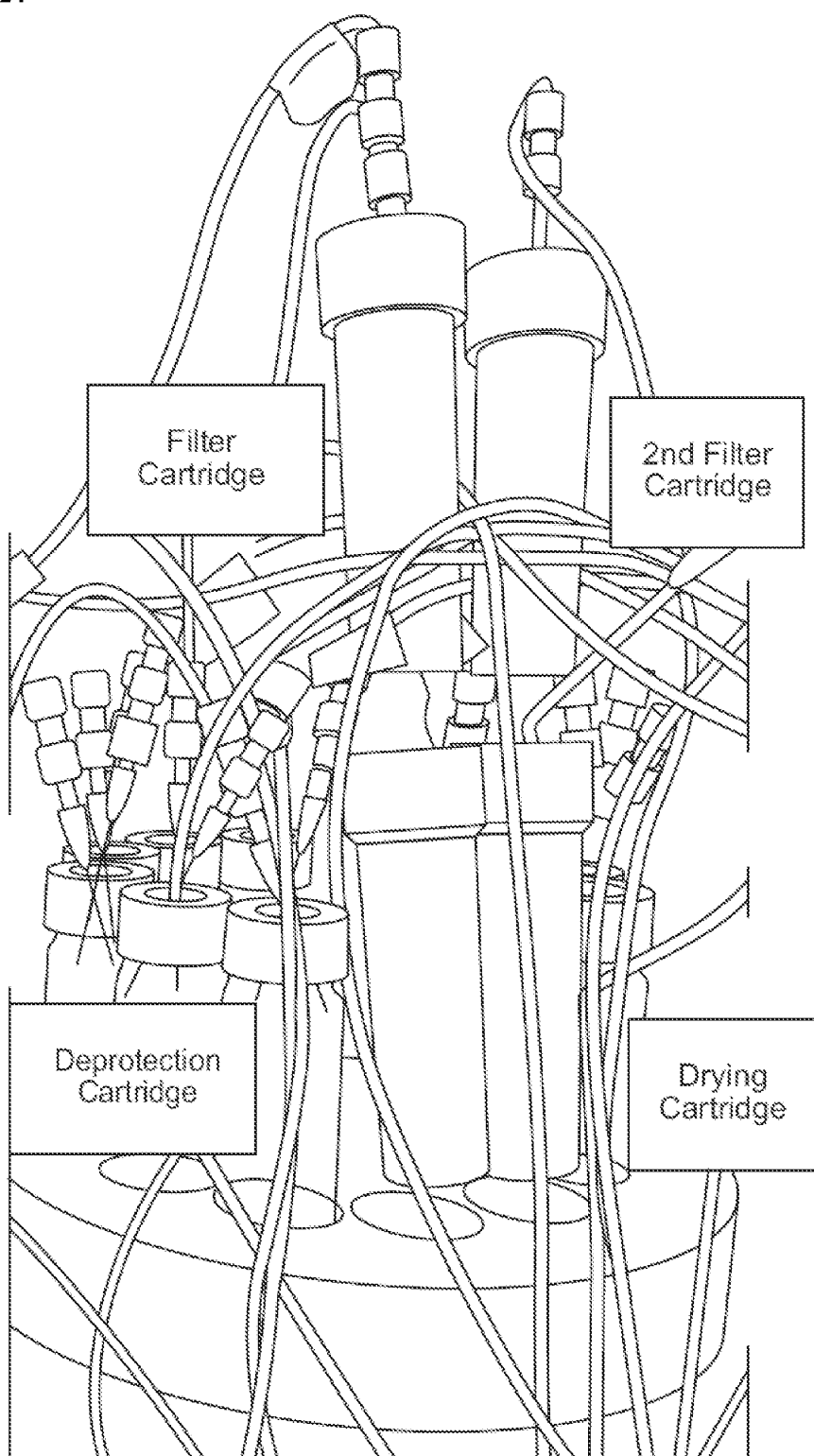


Figure 25

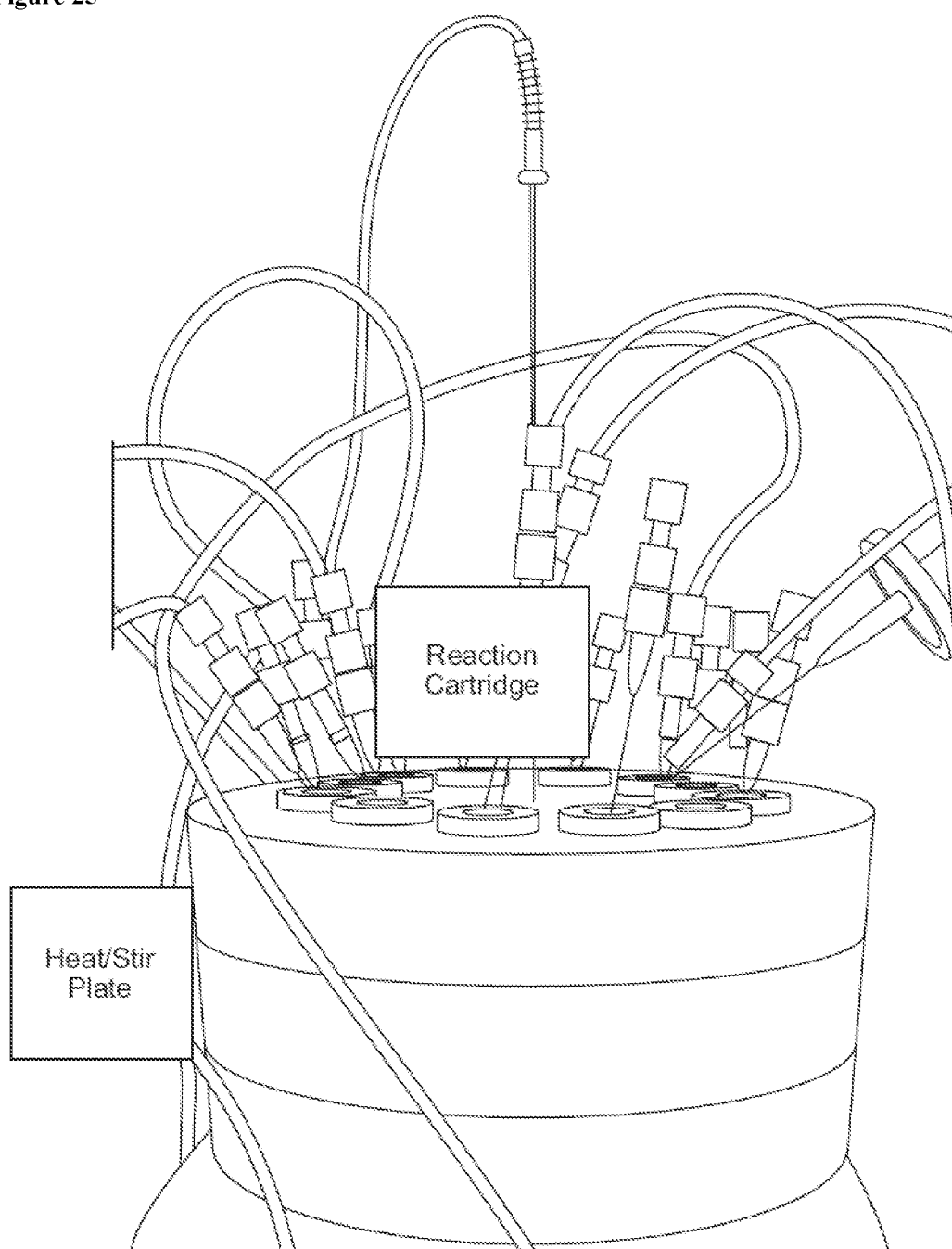


Figure 26

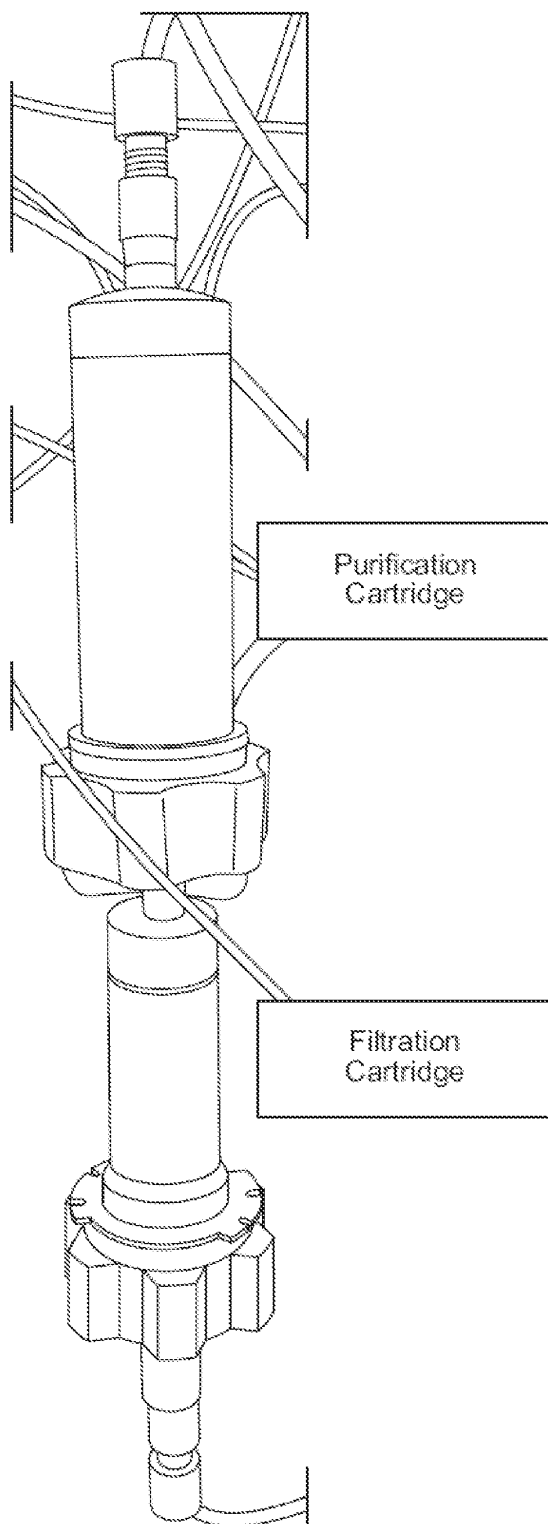


Figure 27

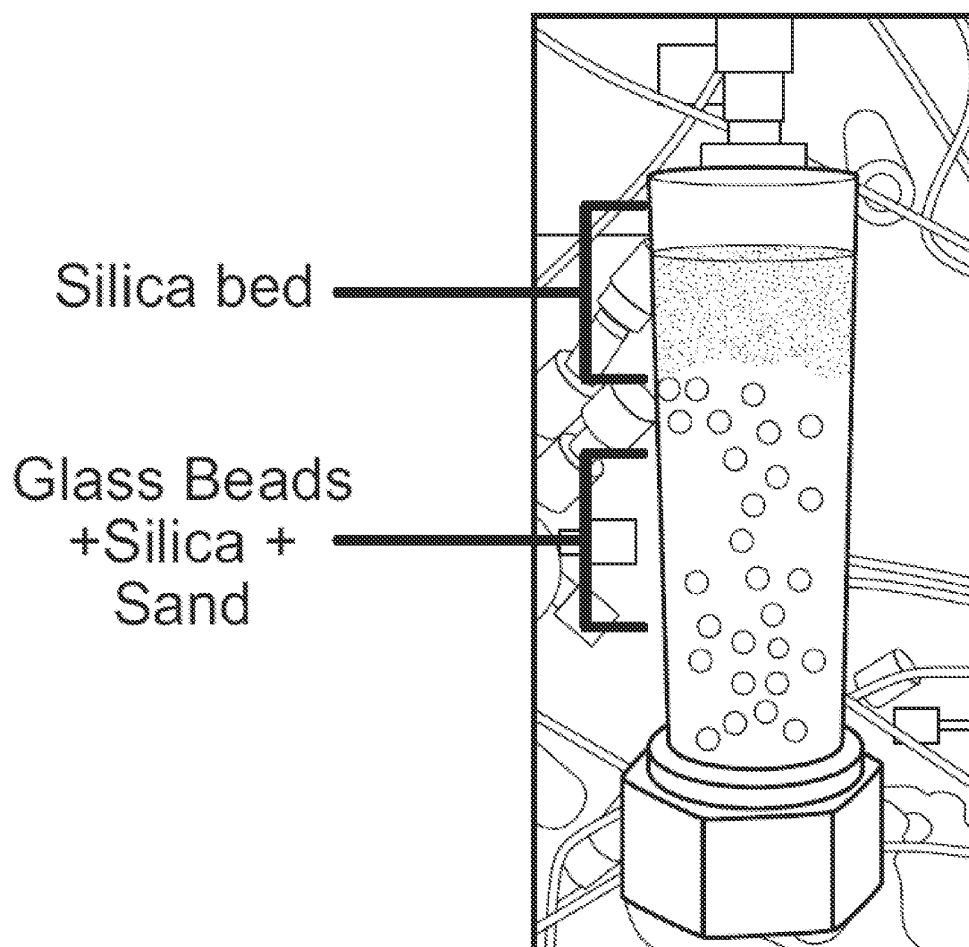


Figure 28

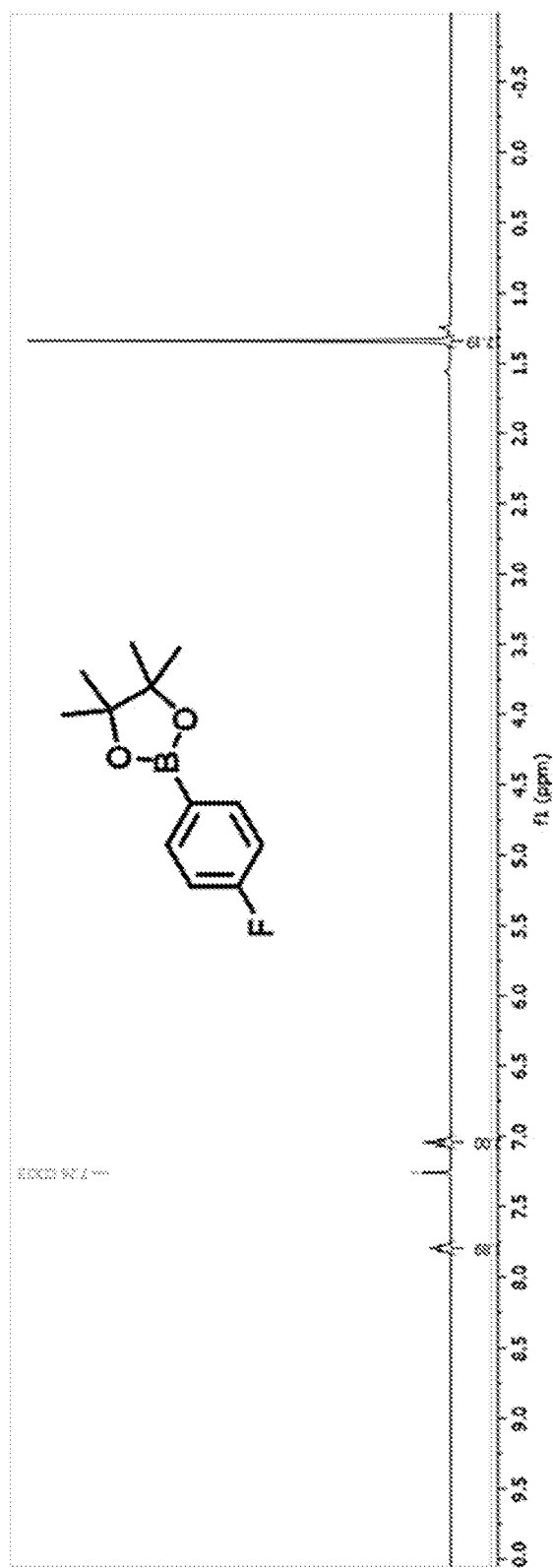


Figure 29

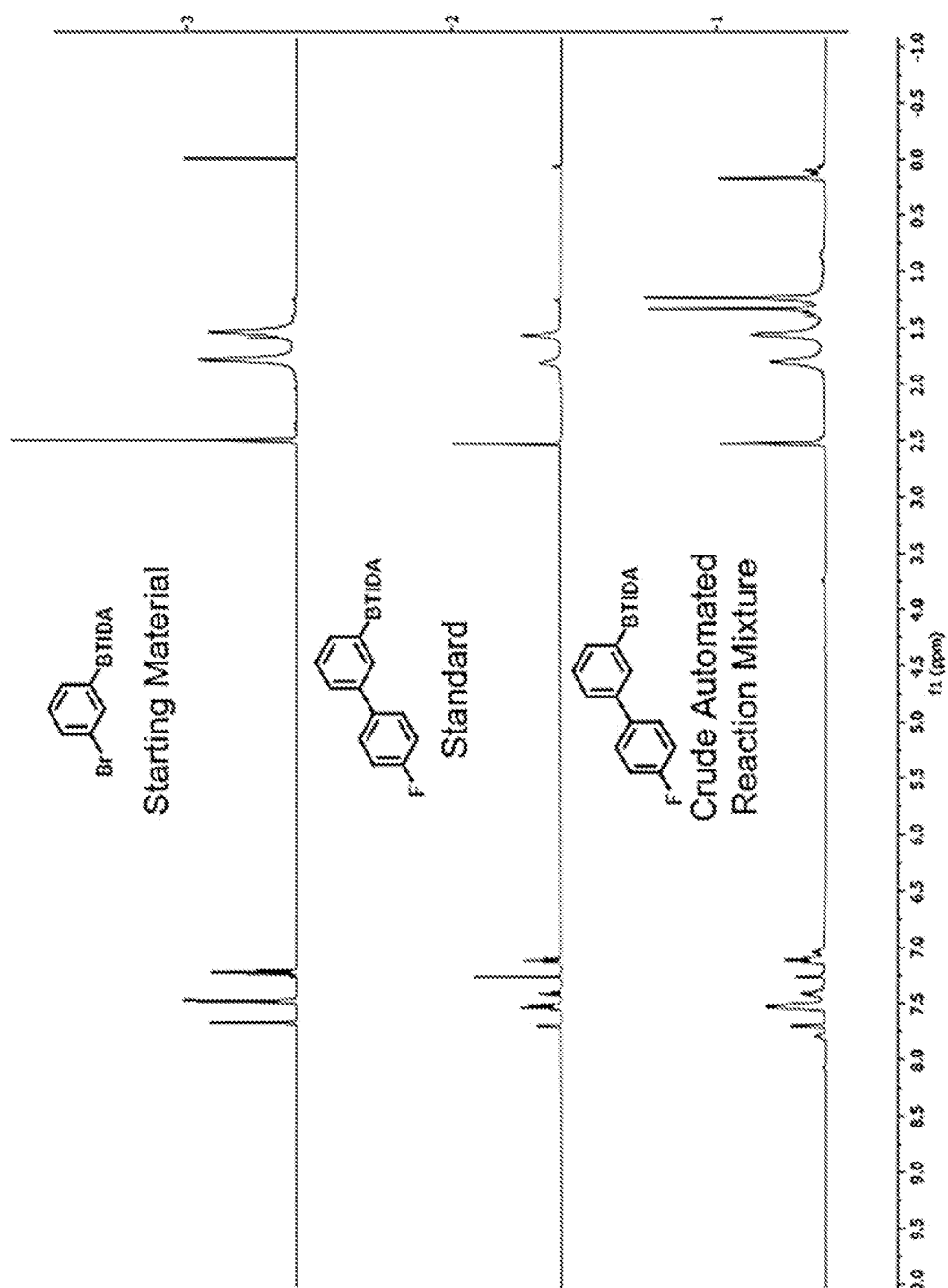


Figure 30

