

Figure 1: Time course study results for cleavage of deprotected linker of Example 1C at 90 °C and at 20 °C

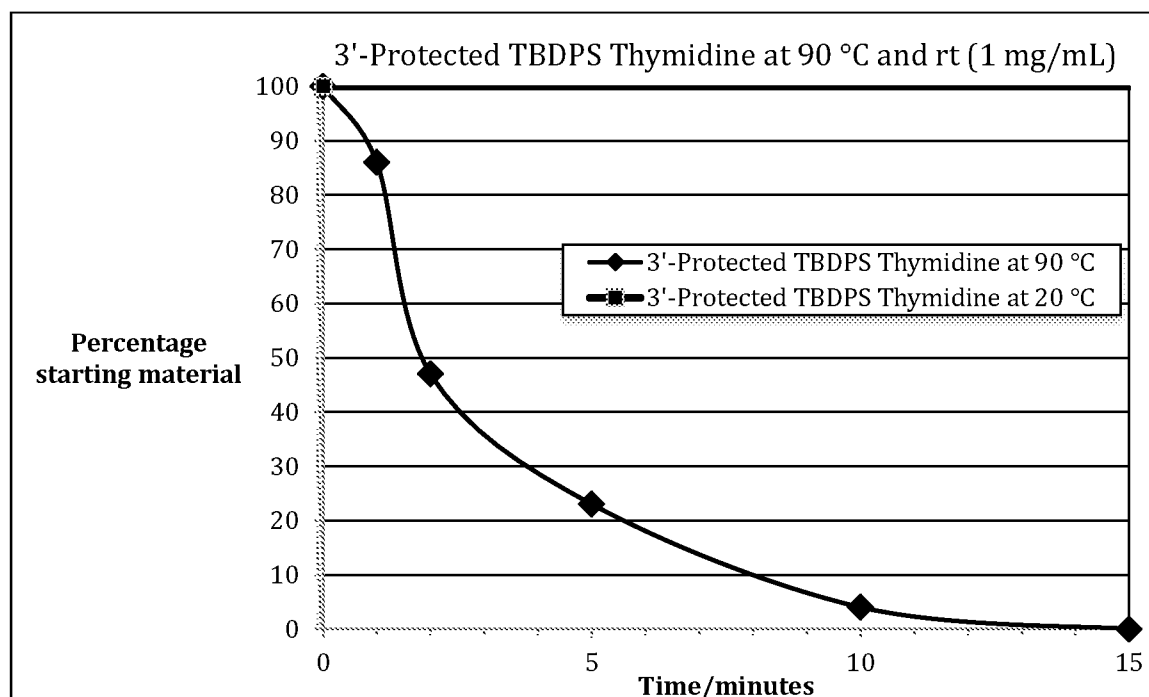


Figure 2: Time course study results for deprotected linker of Example 1C using different solvent systems at pH 7.4 PBS and acetonitrile and pH 5 buffer (TEEA)

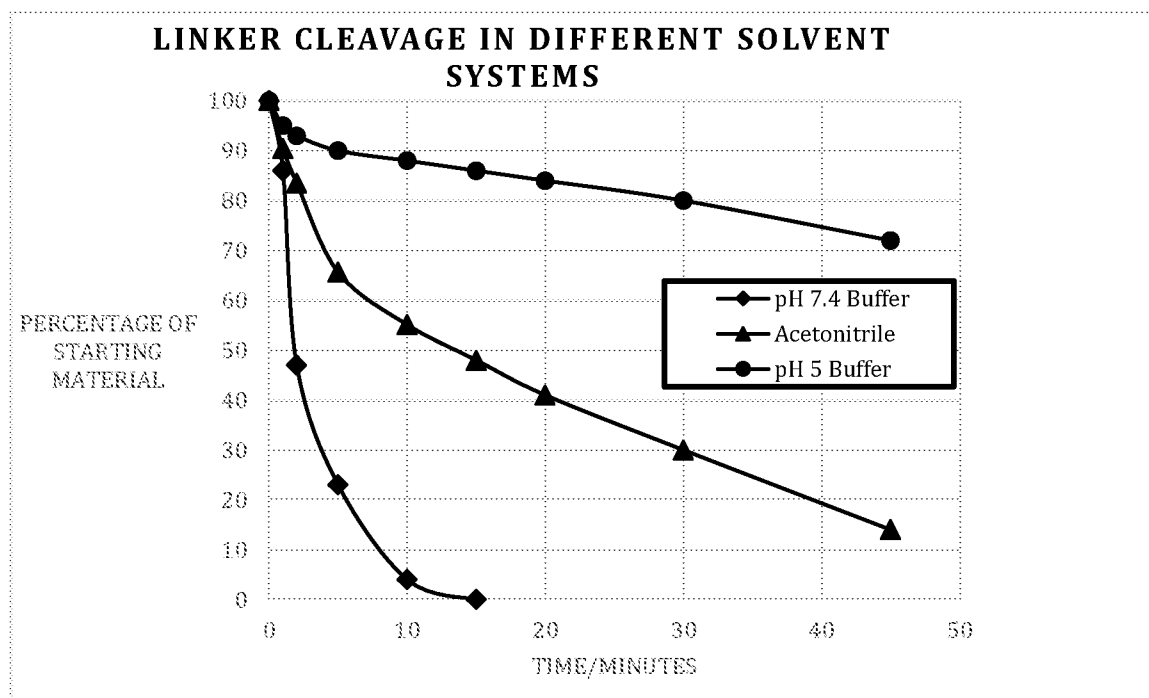


Figure 3: Time course study results for deprotected linker of Example 1C using different ratios of PBS:MeCN (acetonitrile) at 90 °C

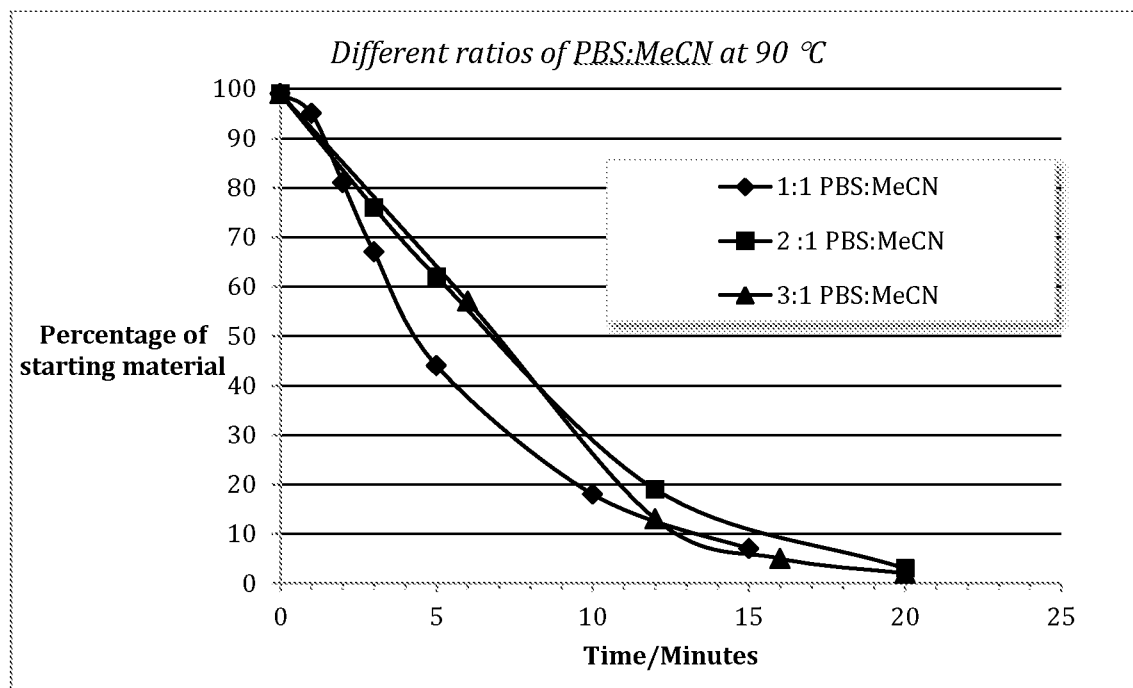


Figure 4A: Time course study results for deprotection and cleavage of Bsmoc-protected linker of Example 2

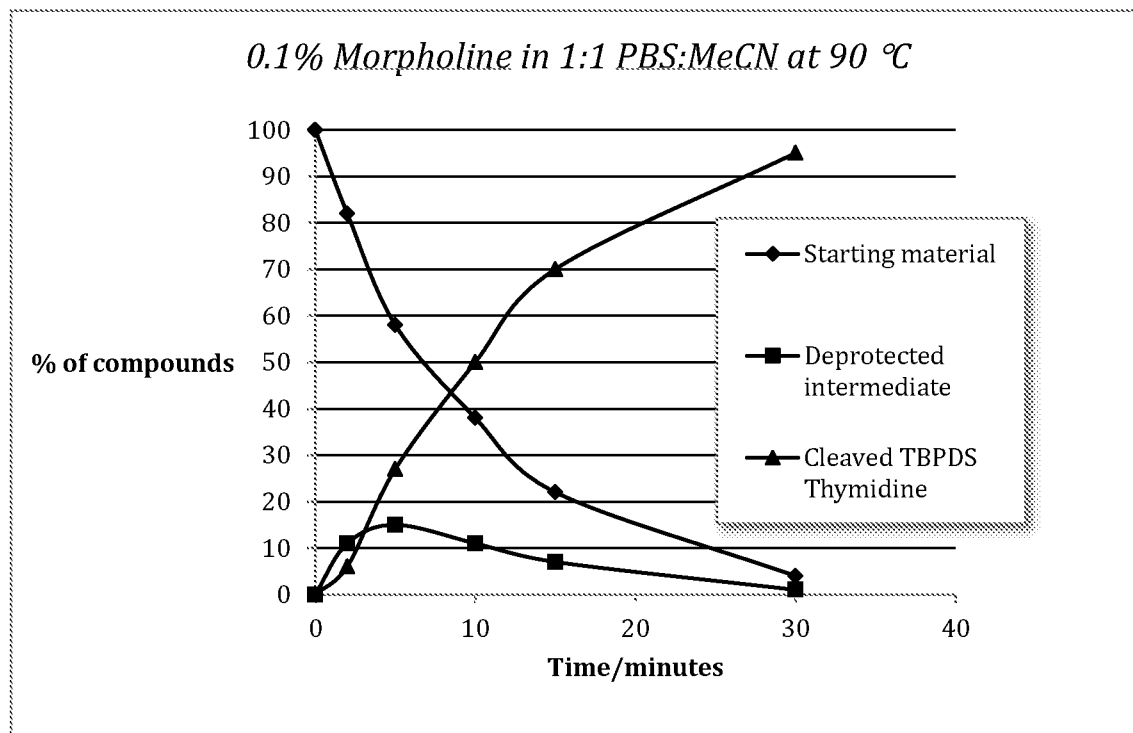


Figure 4B: Time course study results for deprotection of Bsmoc-protected linker of Example 2 at room temperature and 90 °C

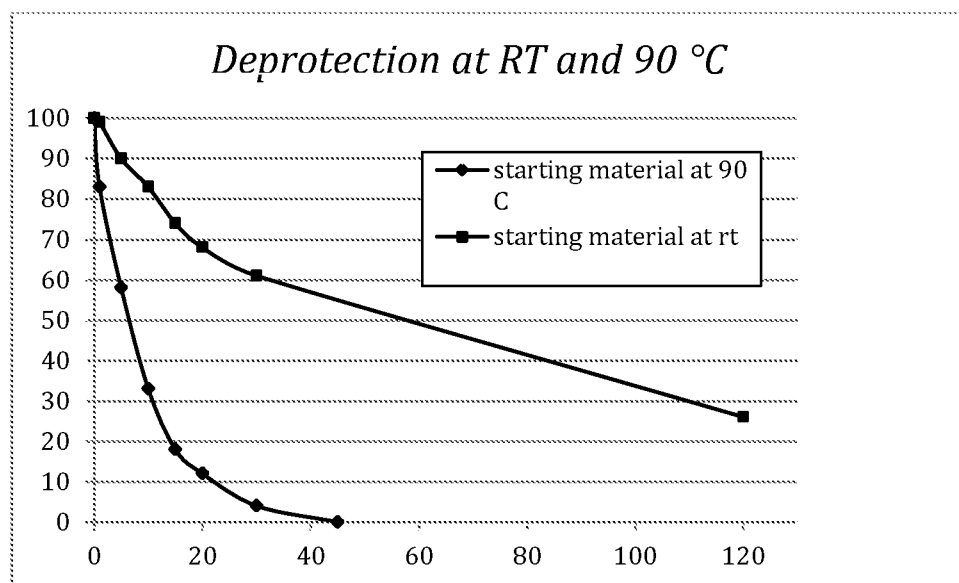


Figure 4C: Cleavage of TBPDS-Thymidine from Bsmoc-protected linker with Morpholine (0.1% in acetonitrile) at 90 °C and at RT (formation and cleavage of deprotected intermediate not shown)

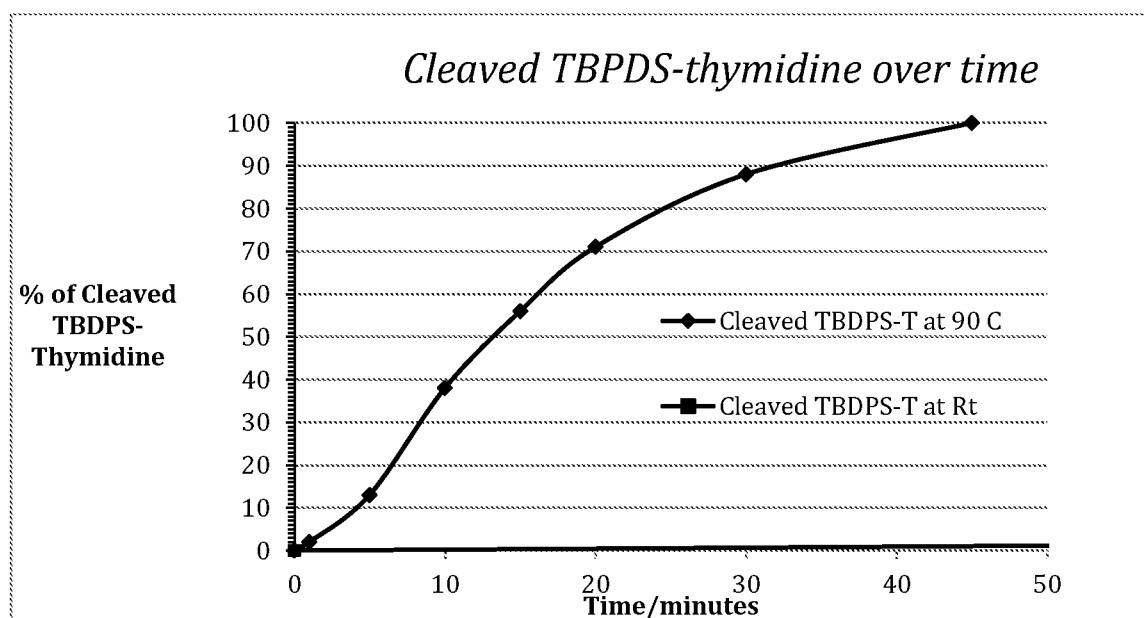


Figure 5: Stability study results for Bsmoc protected linker of Example 2 under different pH conditions at 80 °C

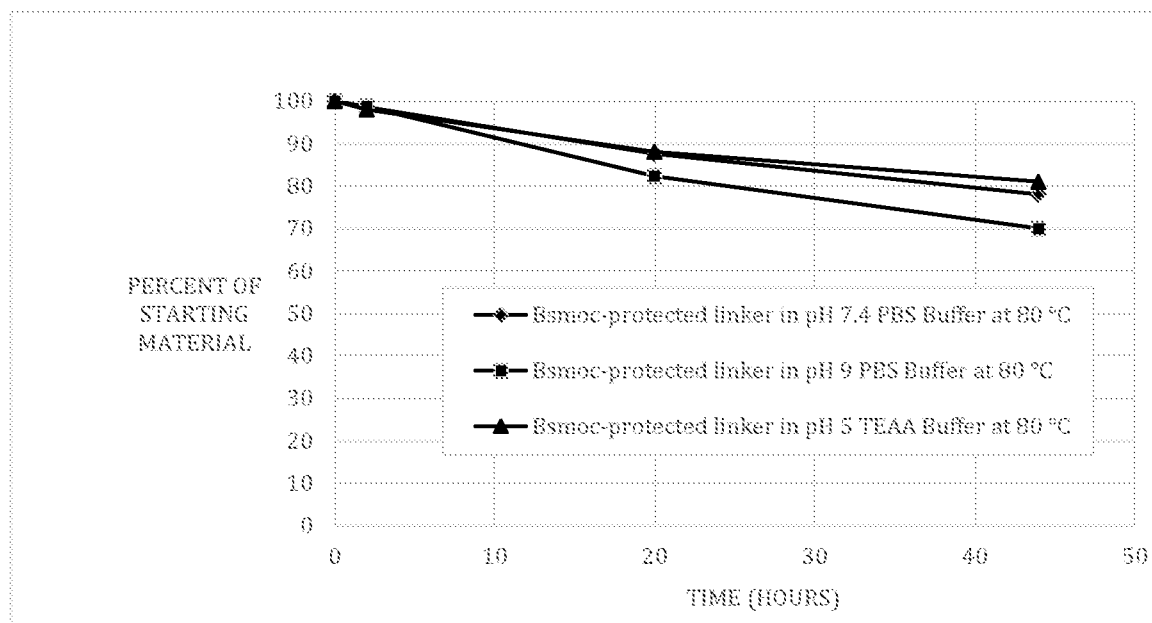


Figure 6: Stability study results for Fmoc-protected linker of Example 3 using 0.1% piperidine under different temperature conditions (room temperature vs 90 °C)

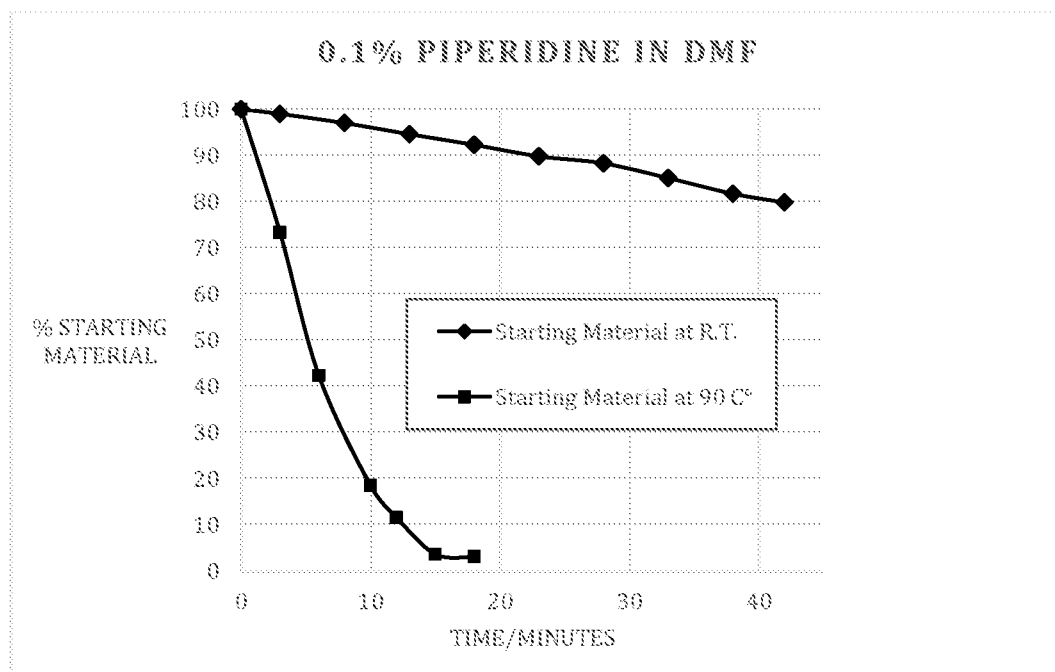


Figure 7: Stability study results for Fmoc-protected linker of Example 3 using 10% diisopropylamine under different temperature conditions (room temperature vs 90 °C)

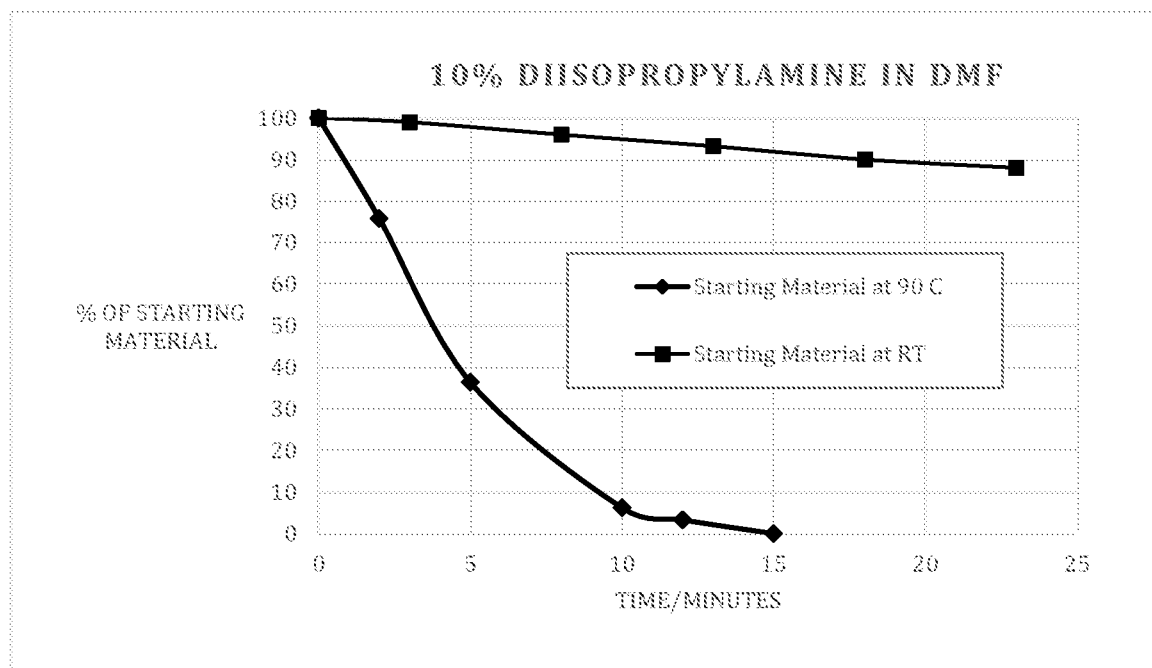


Figure 8: Stability study results for Fmoc-protected linker of Example 3 using 10% diisopropylamine at 90 °C using different solvents (DMF vs acetonitrile)

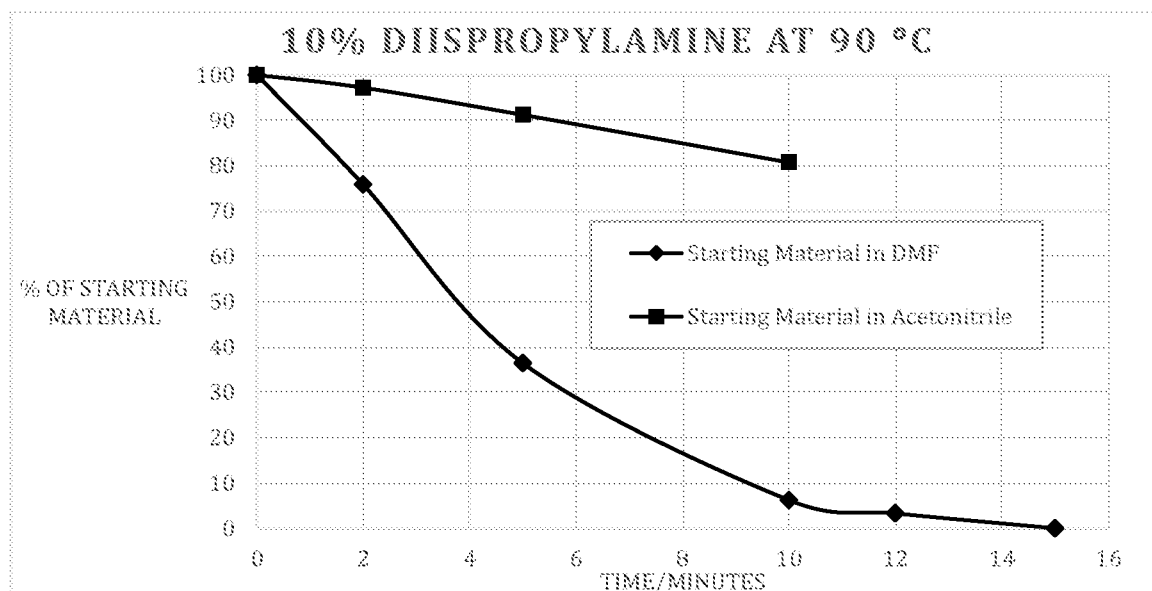


Figure 9: Stability study results for Fmoc-protected linker of Example 3 using 20% diisopropylamine in 2:1 DMF:CAPS buffer at different temperatures 10 °C vs 90 °C

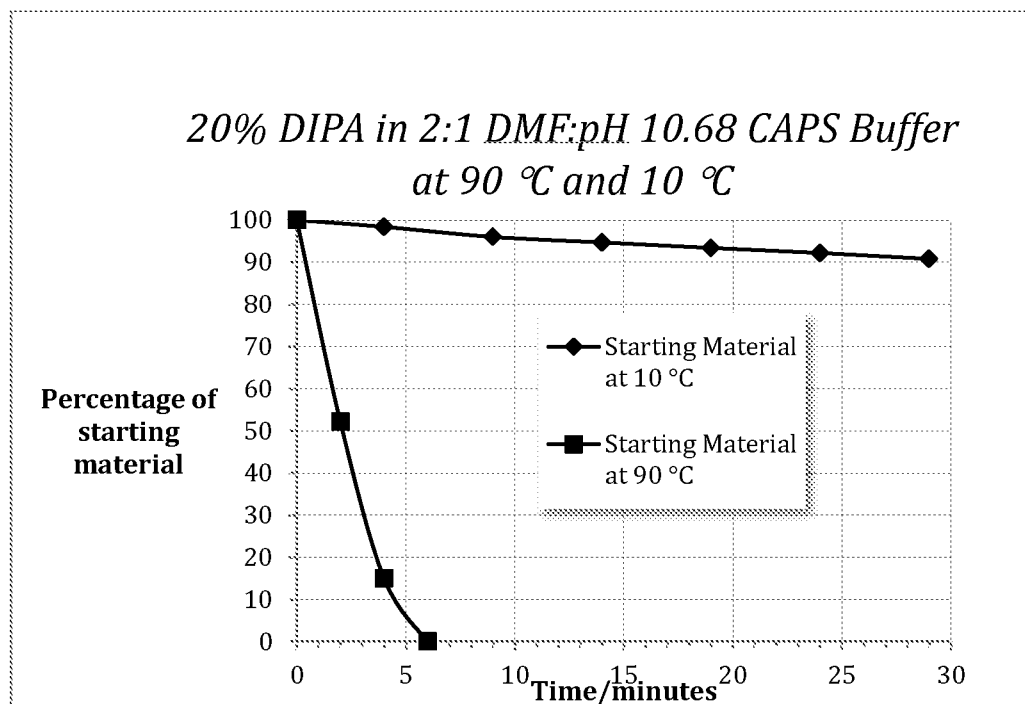


Figure 10: Cleavage of deprotected linkers of Examples 1C and Example 4C

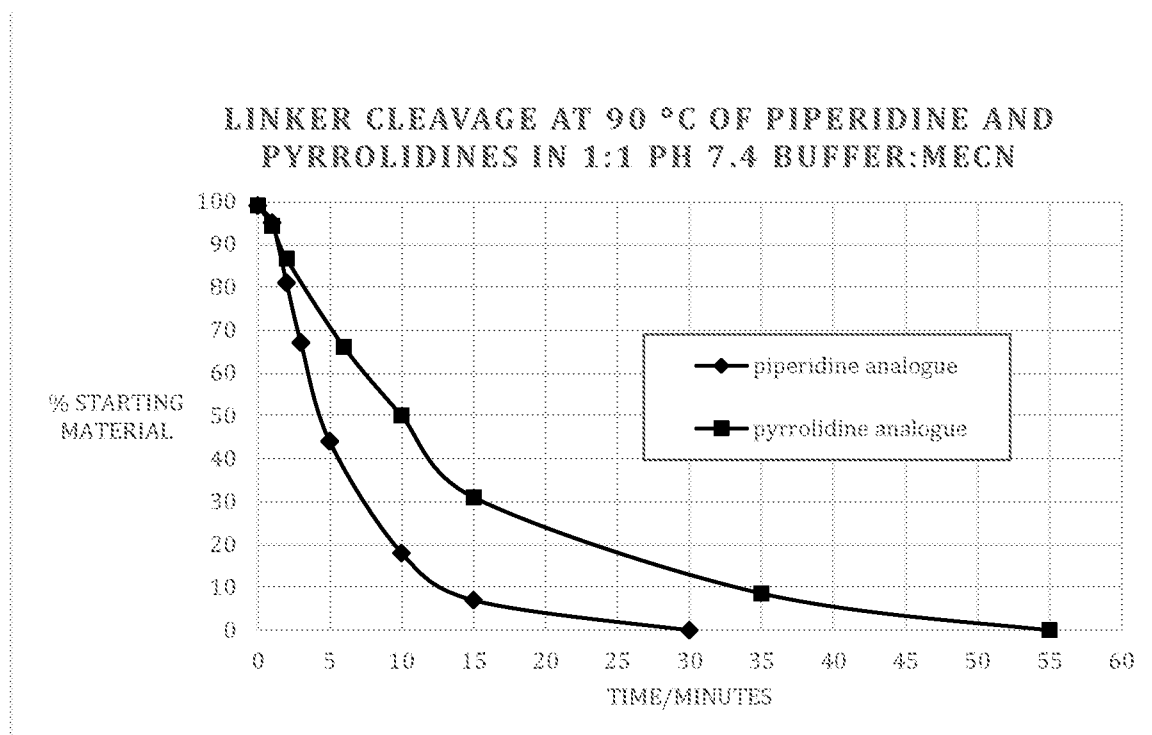


Figure 11: Stability study results for Example 4C at 90°C in different solvent systems

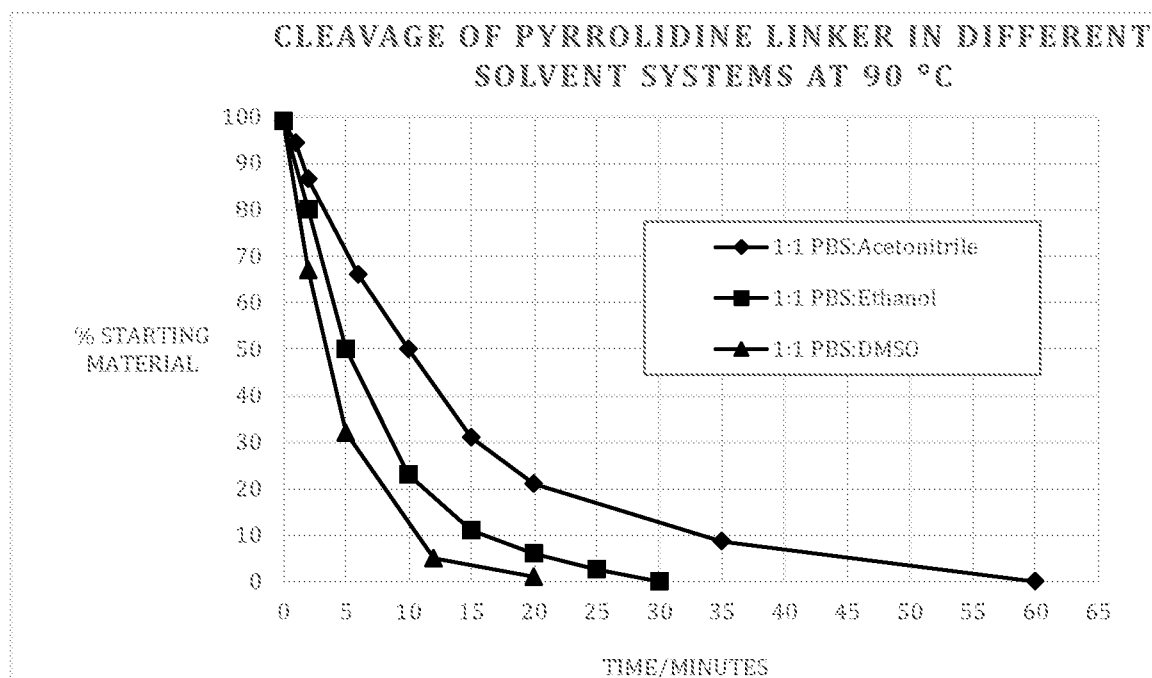


Figure 12: Time course study results for deprotection of Boc-protected linker (Compound of Example 1B)

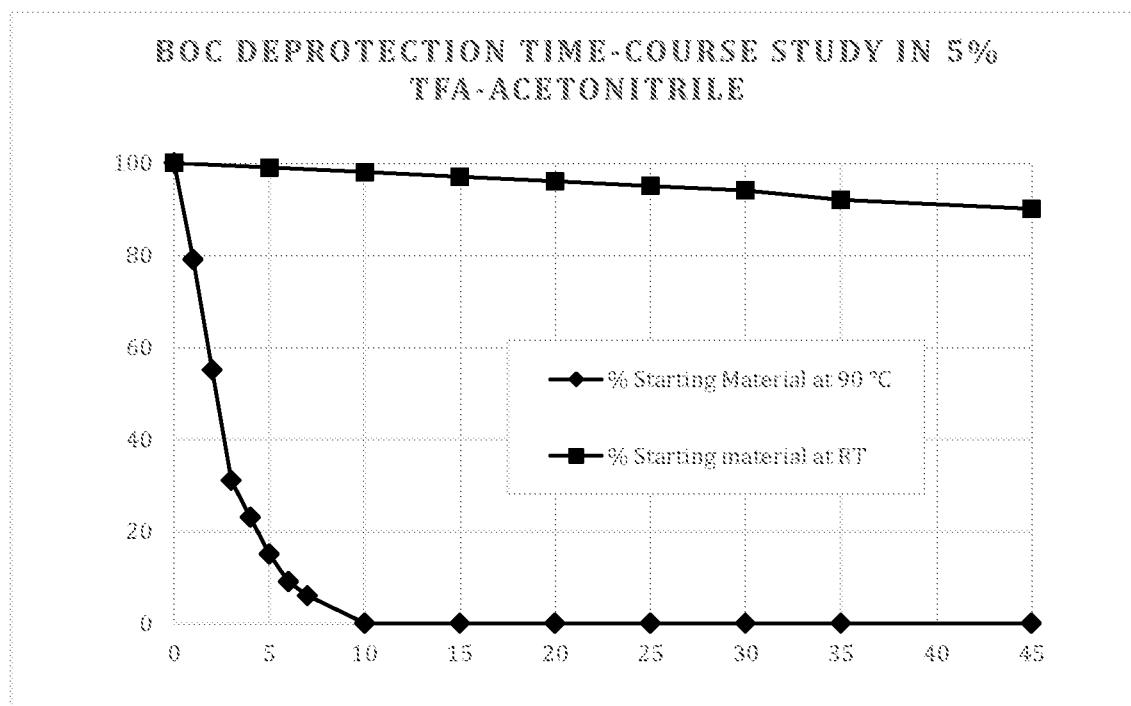


Figure 13: Time-course study on the non-protected α -Phenyl Safety-Catch Linker (compound of Example 6D)

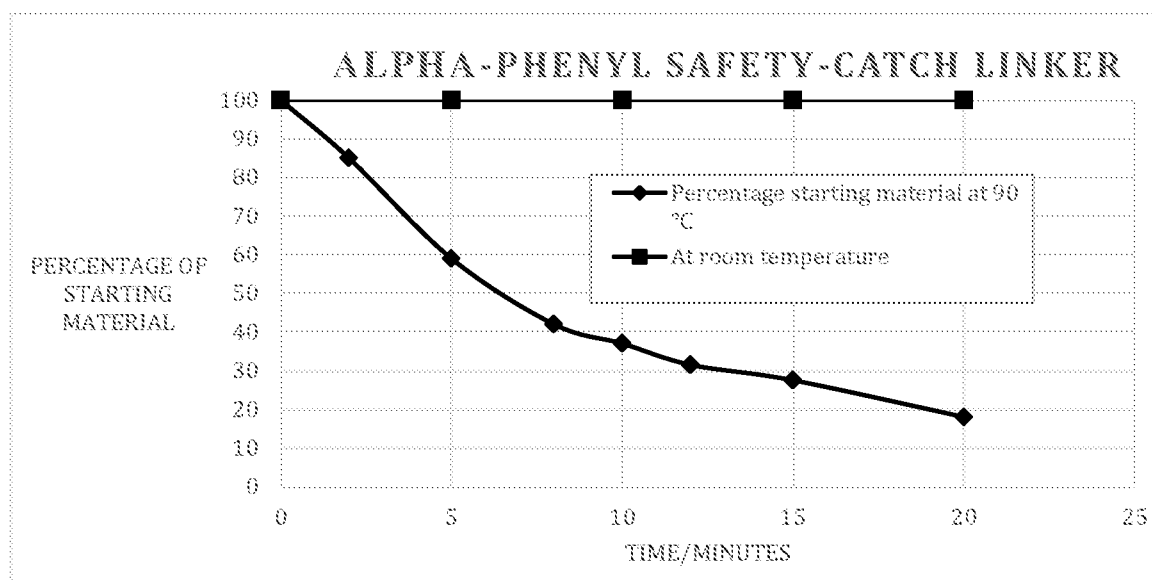


Figure 14: Time-course study on cleavage of non-protected Double Safety-Catch Linker (Compound of Example 8C) vs Single Safety-Catch Linker (Compound of Example 1C)

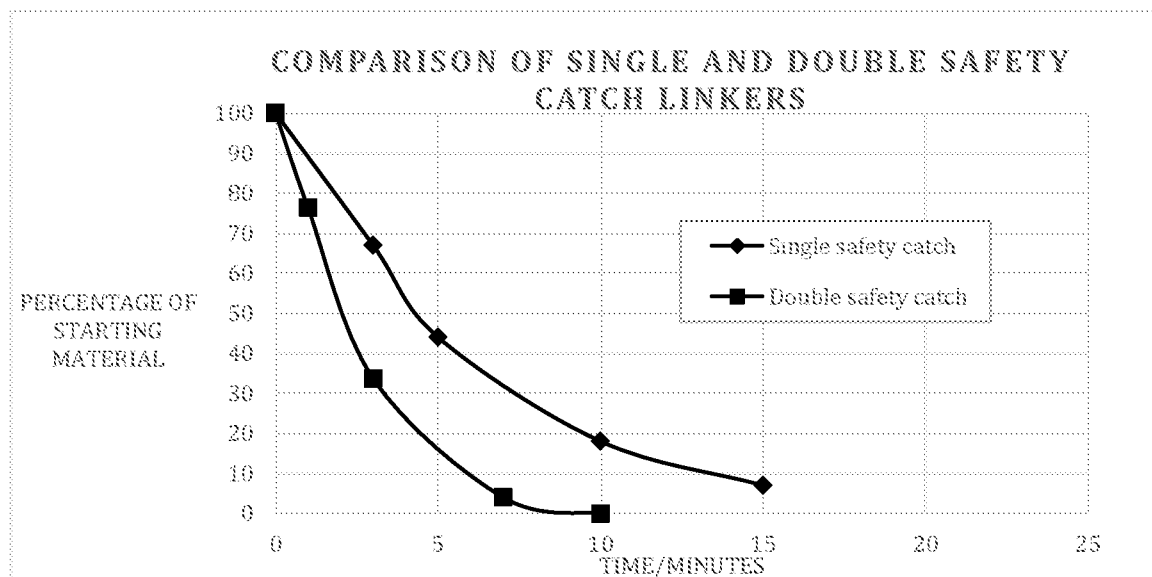


Figure 15: Time-course Study on the non-protected 5'-linked 3' O-Acetyl-Thymidine (Compound of Example 13B)

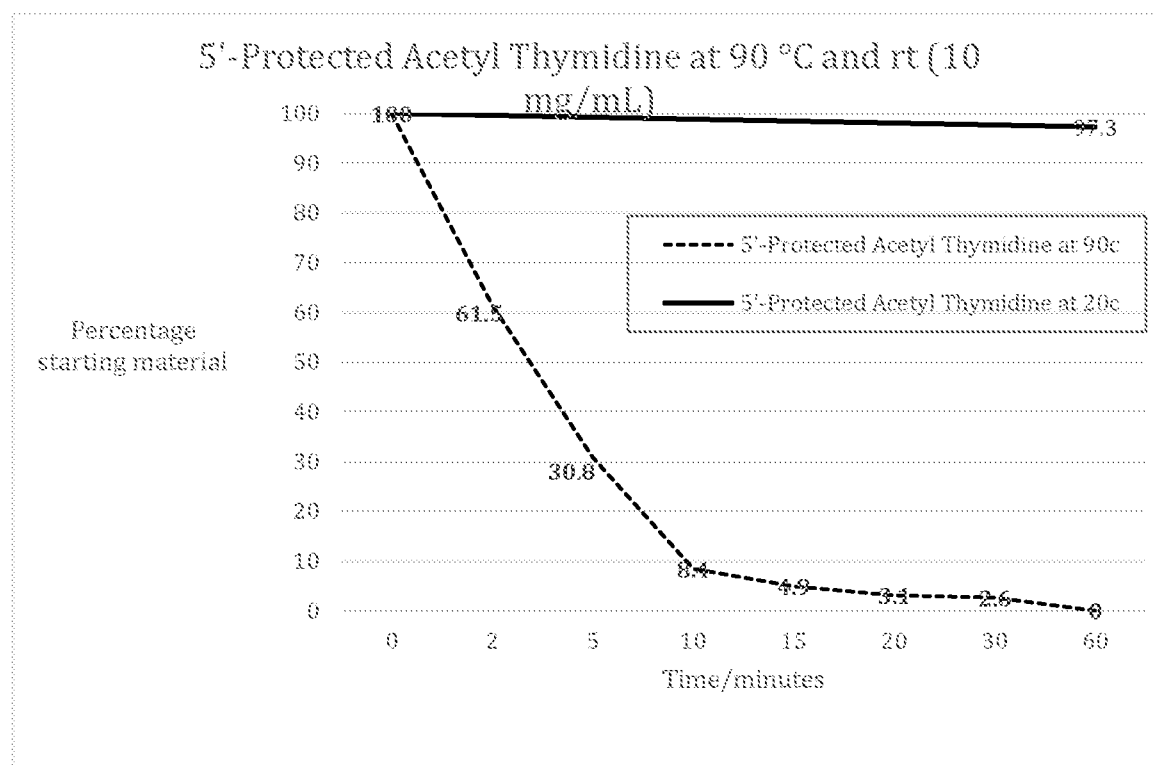


Figure 16

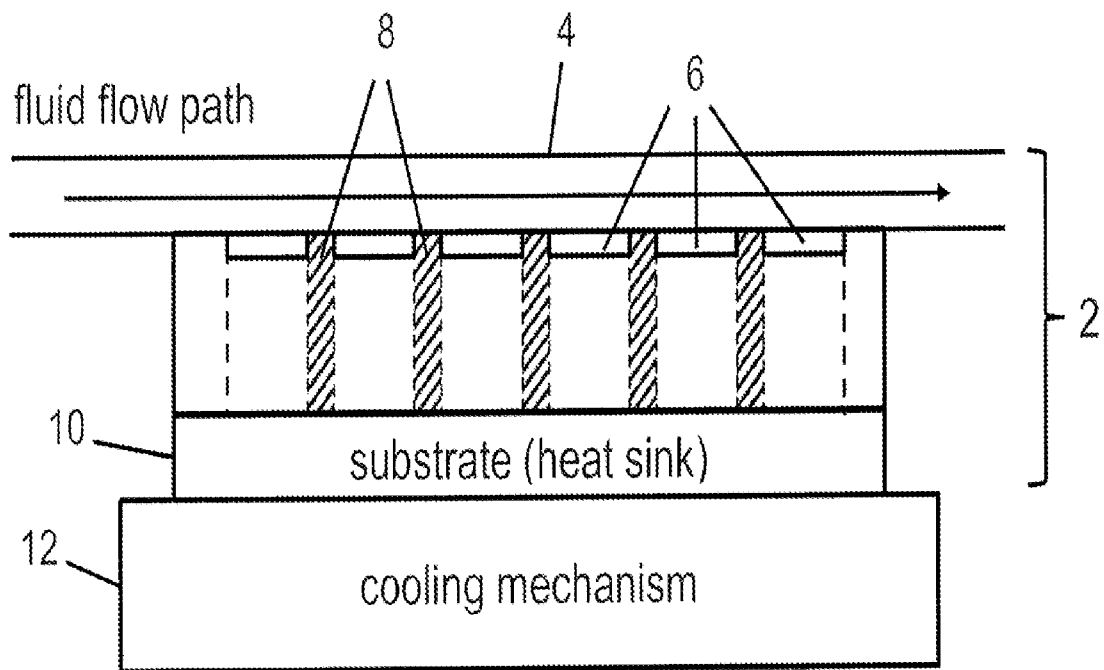


Figure 17

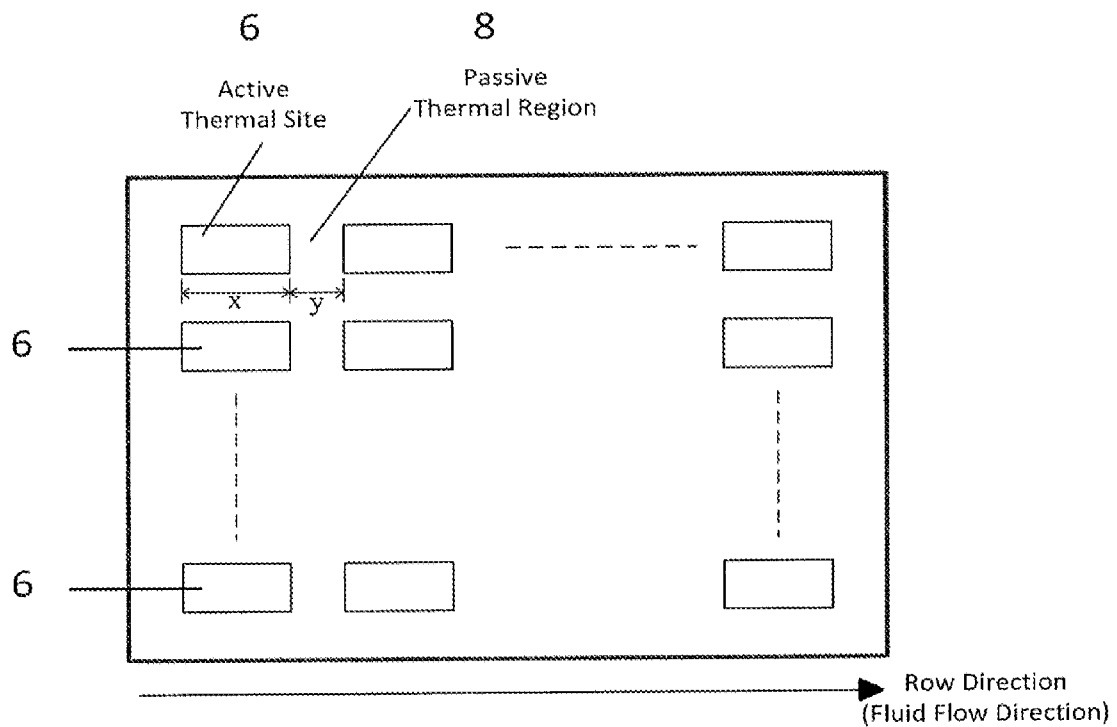


Figure 18

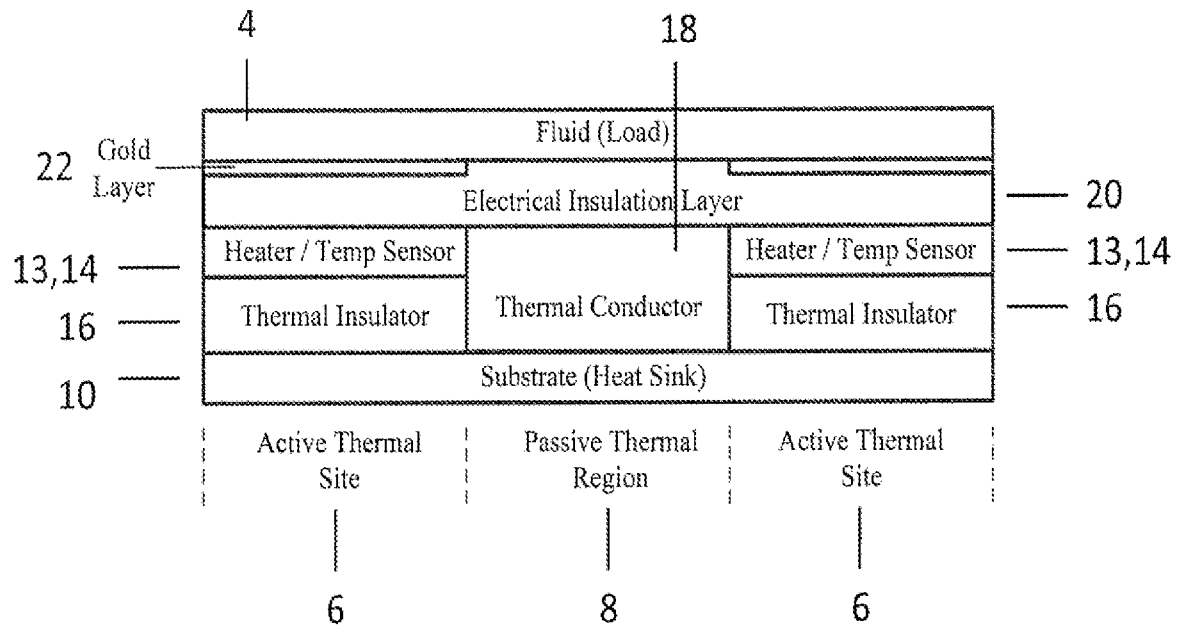


Figure 19

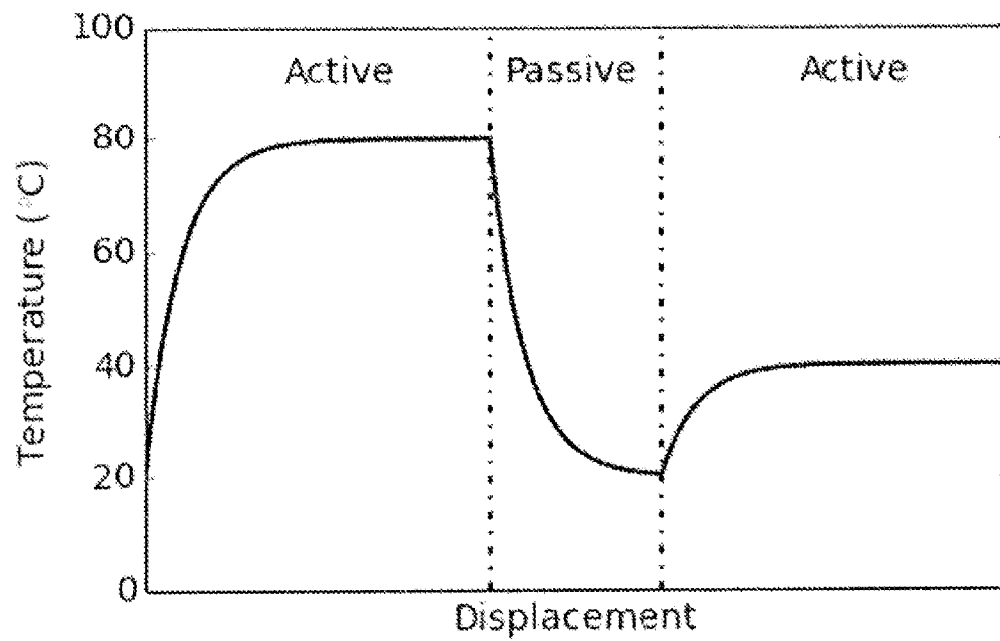


Figure 20

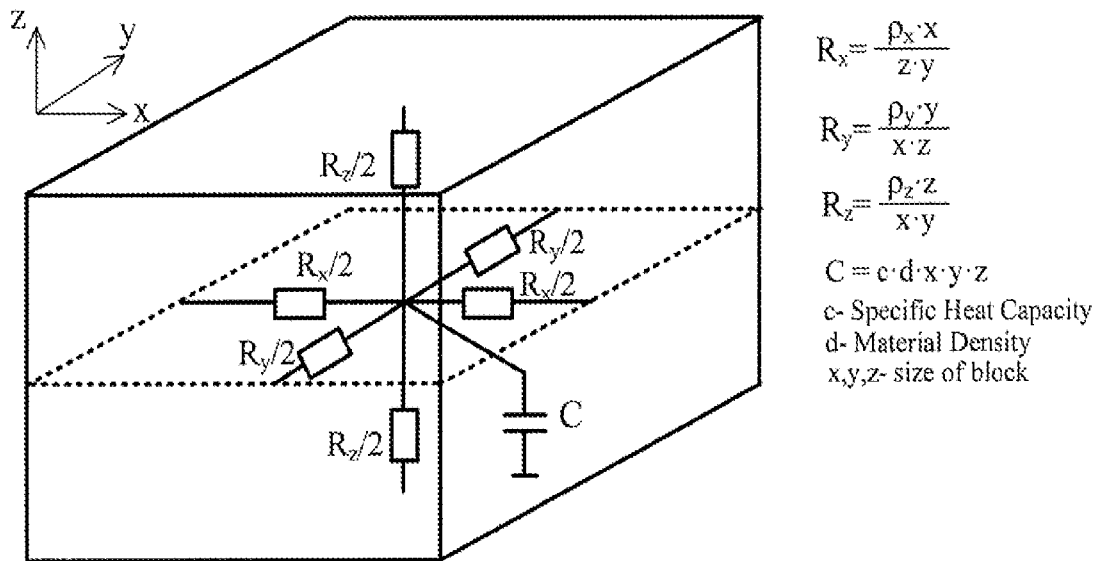


Figure 21

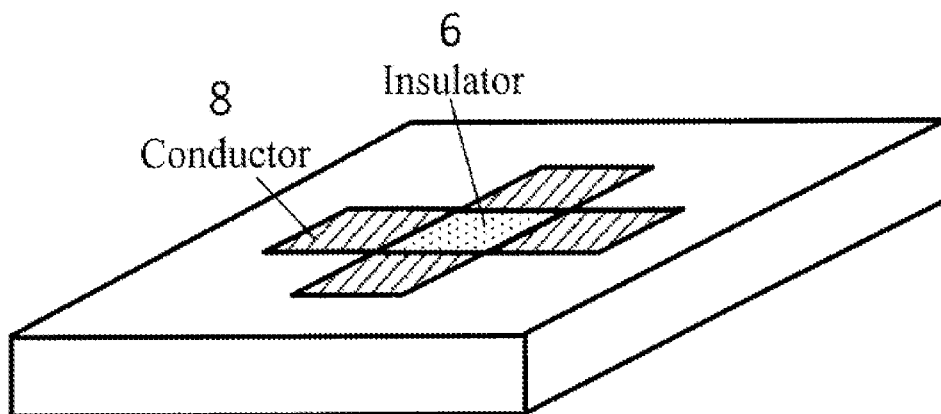


Figure 22

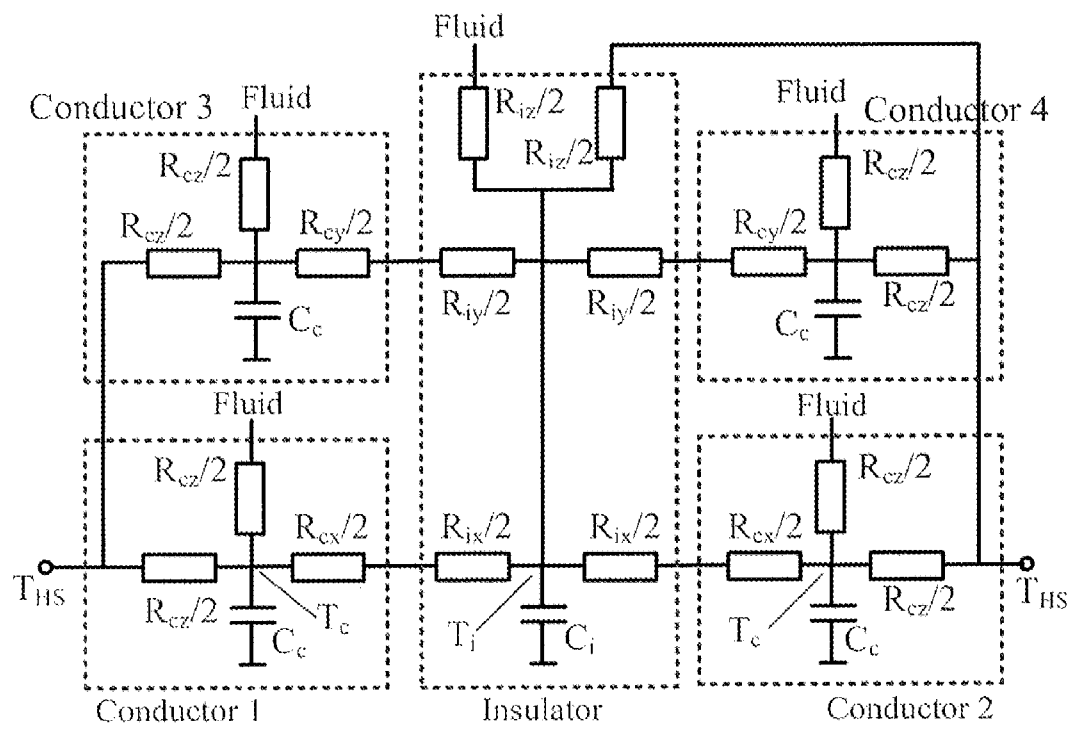


Figure 23

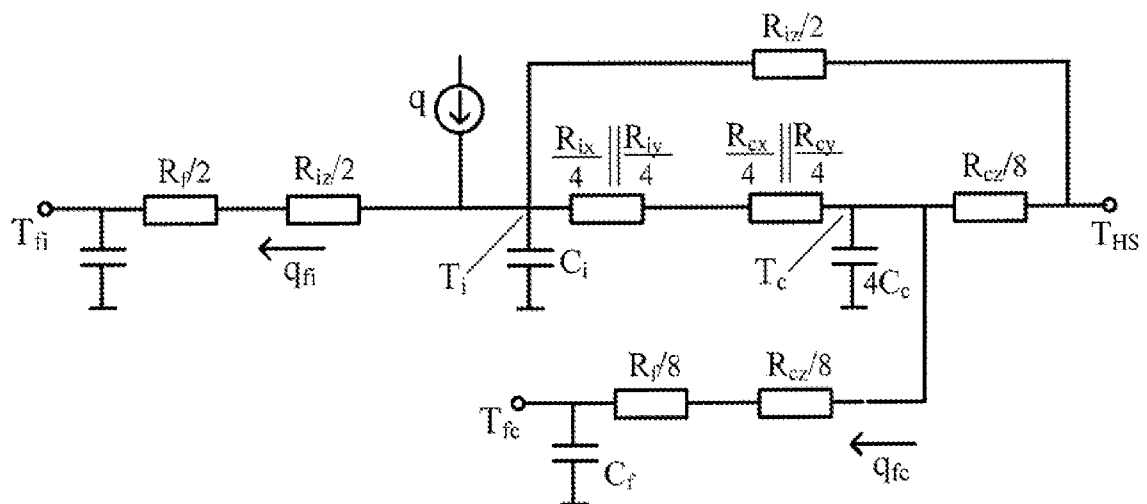


Figure 24

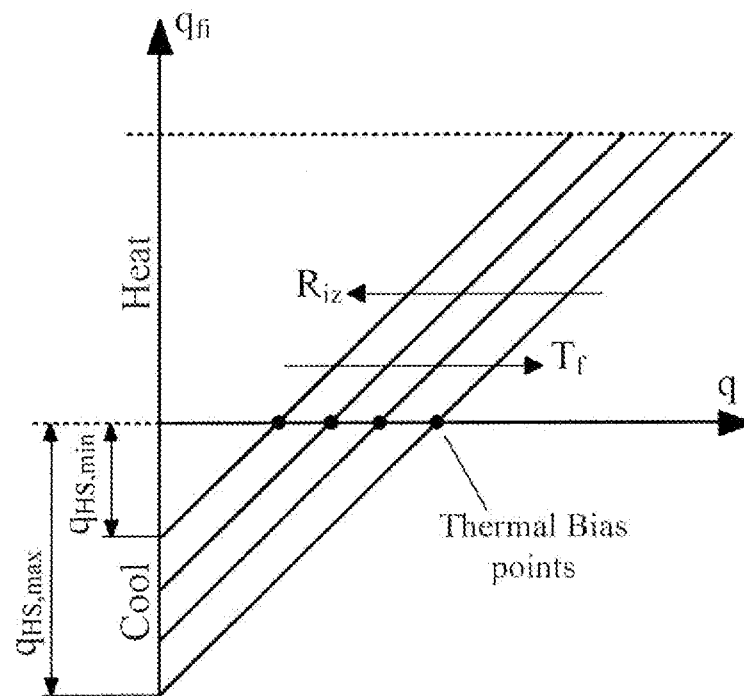


Figure 25

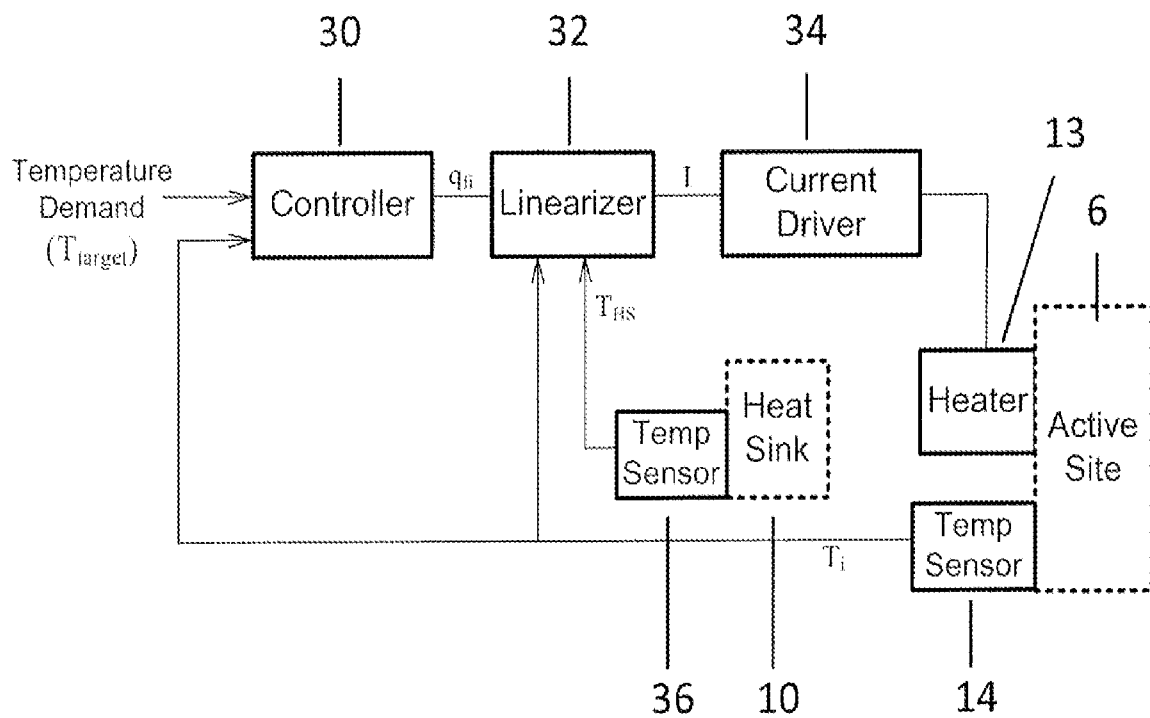


Figure 26

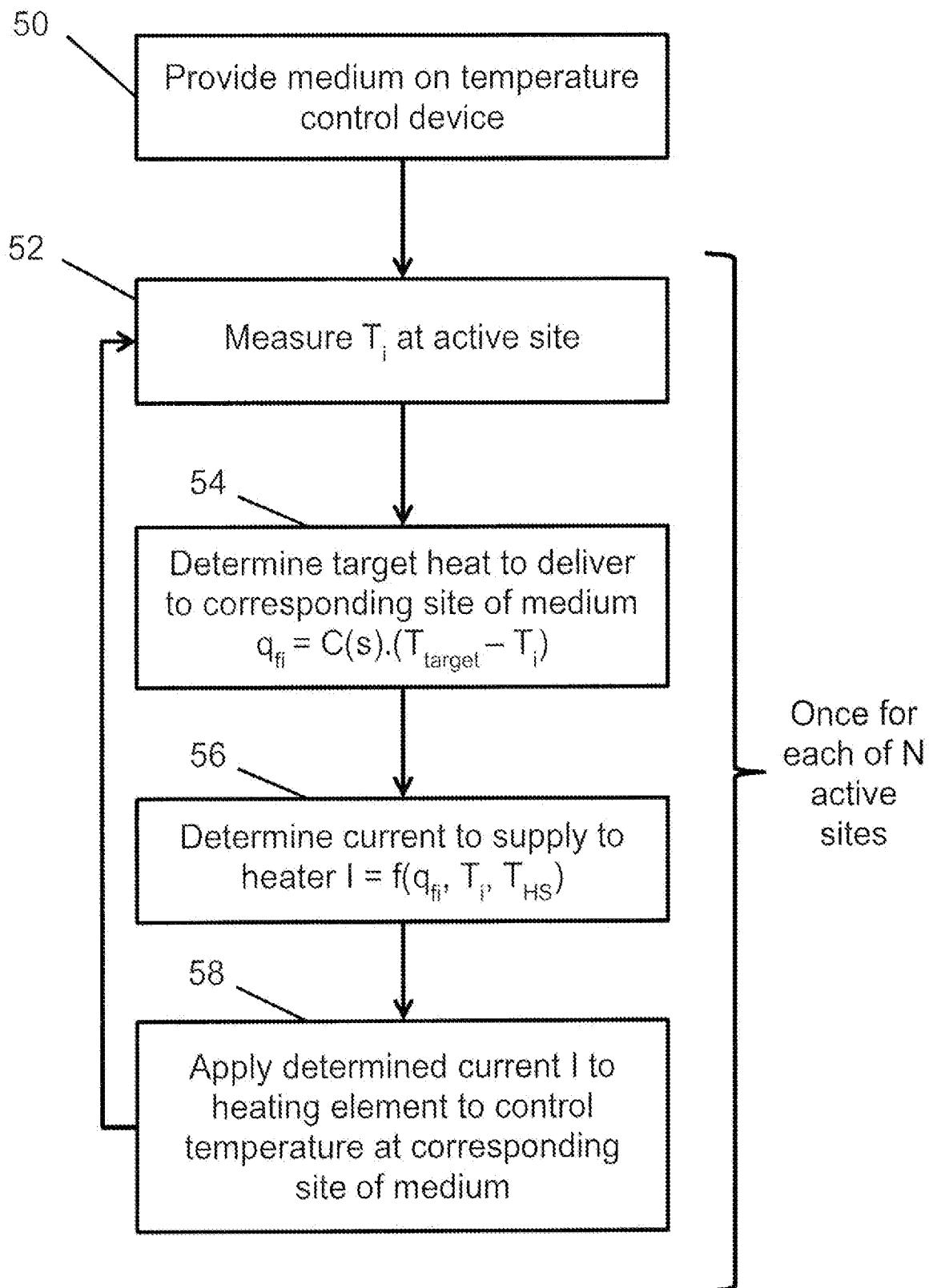


Figure 27

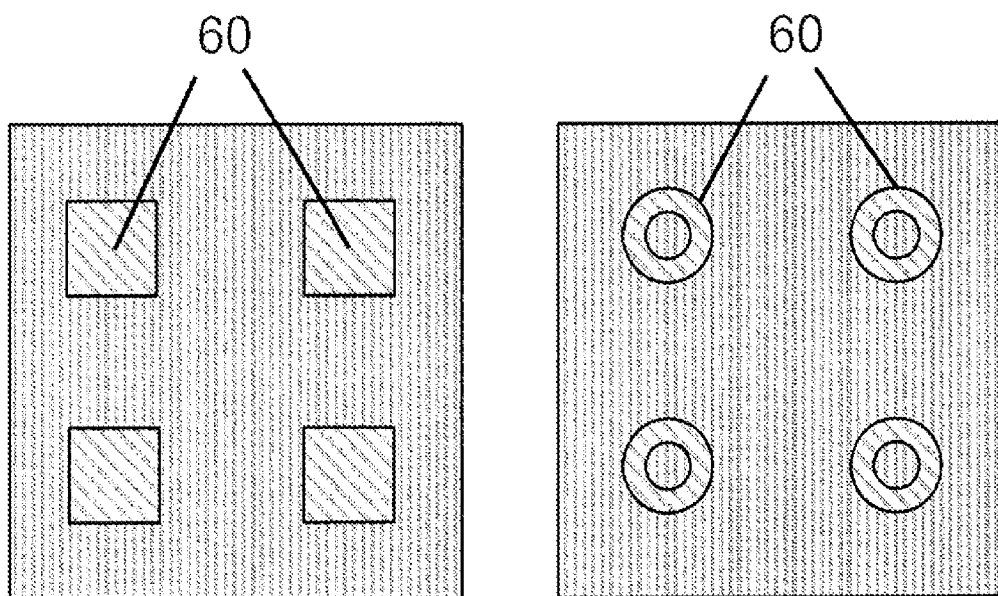


Figure 28

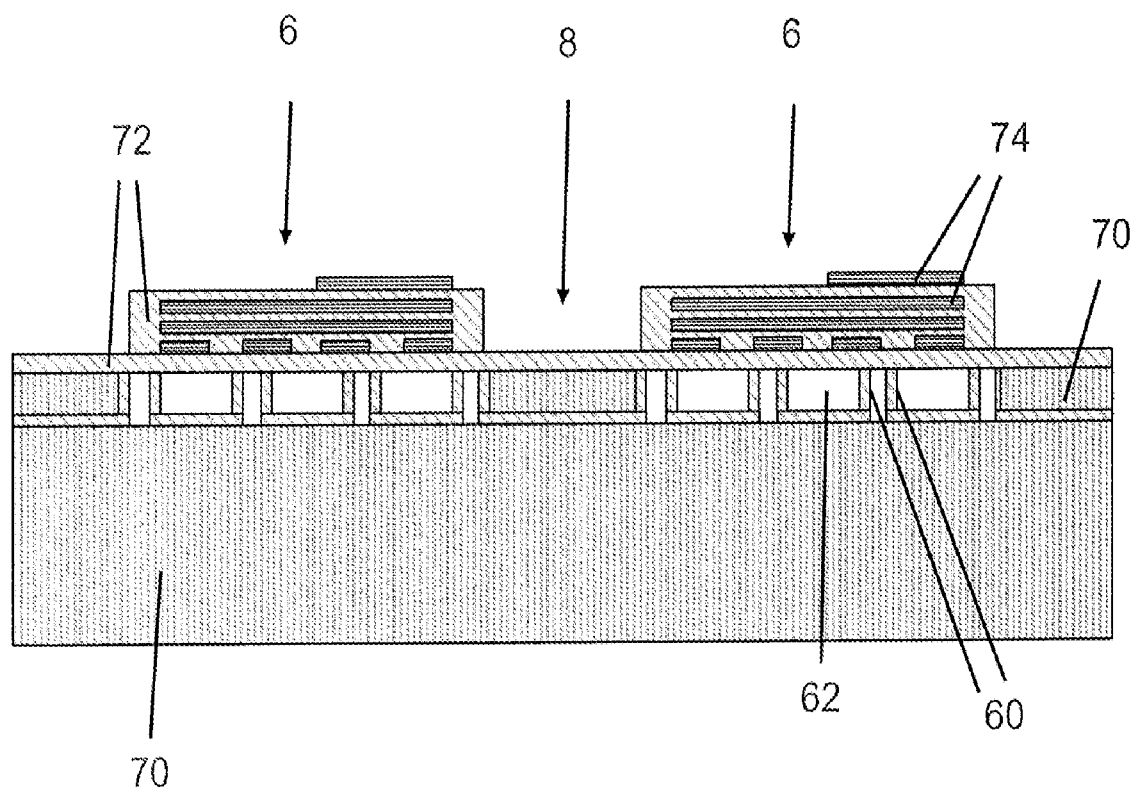


Figure 29

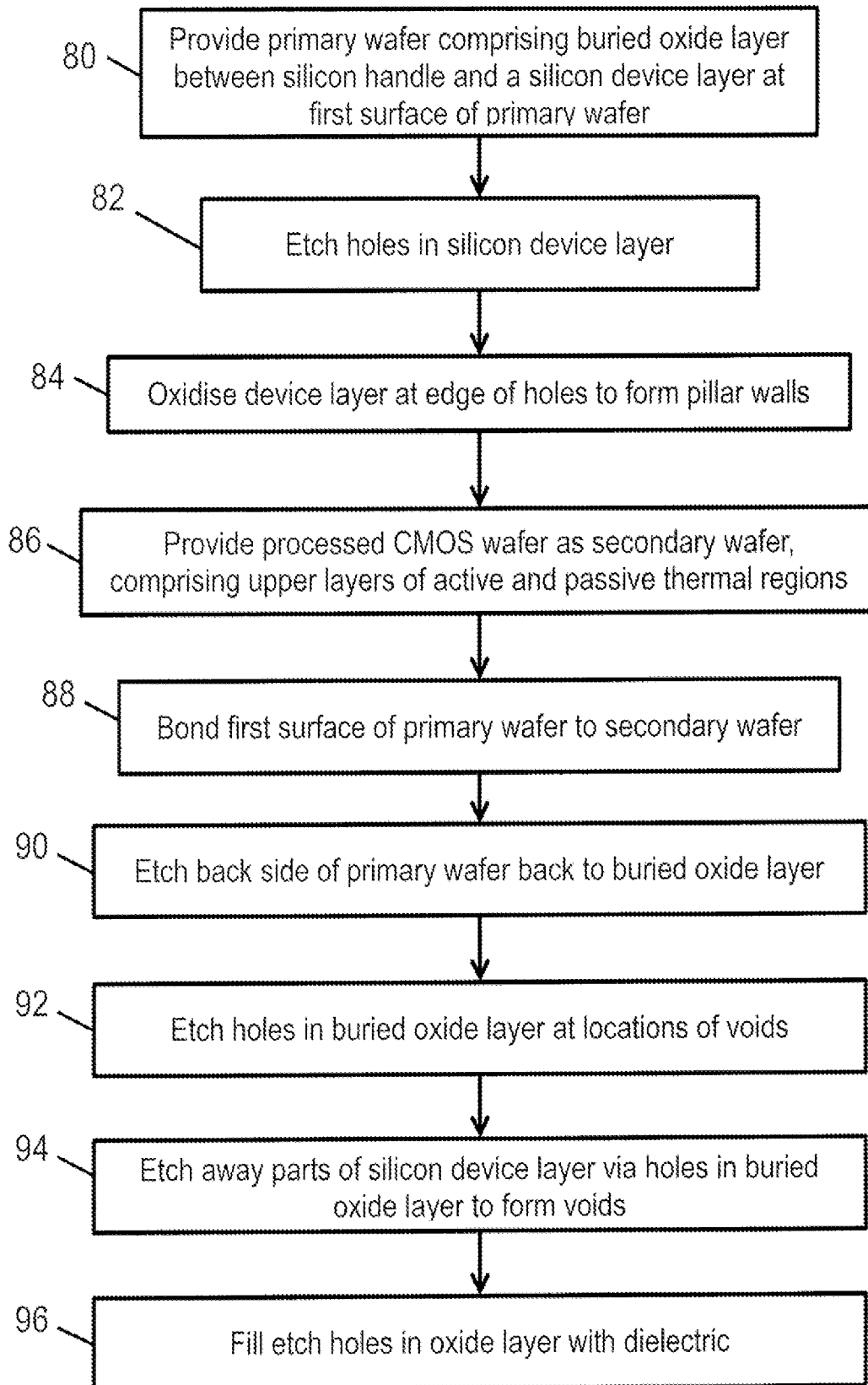


Figure 30

