2.4 synthesis of 2-methyl-1-(prop-2-yn-1-yl)-2,3-dihydro-1H-indole (AZ-1)

Procedure 1:

To 2-methylindoline (1.75 g, 13.2 mmol) and K_2CO_3 (2.18 g, 15.8 mmol) in acetonitrile (20 ml) was added 3-bromorpop-1-yne (1.88 g, 15.8 mmol) in acetonitrile (10 ml) with continuous stirring. The mixture was refluxed for 80 min.

Figure 19: Synthesis of 2-methyl-1-(prop-2-yn-1-yl)-2,3-dihydro-1H-indole.