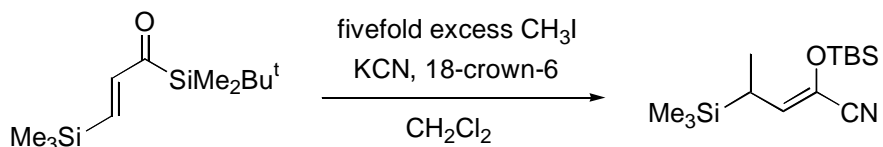
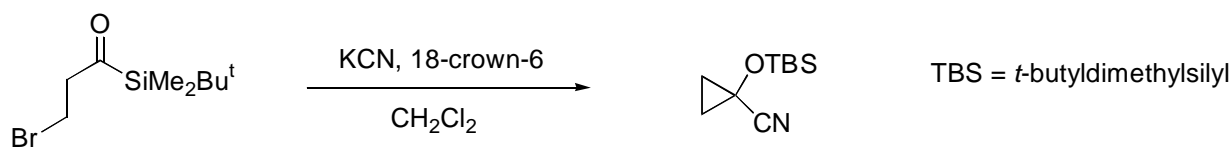
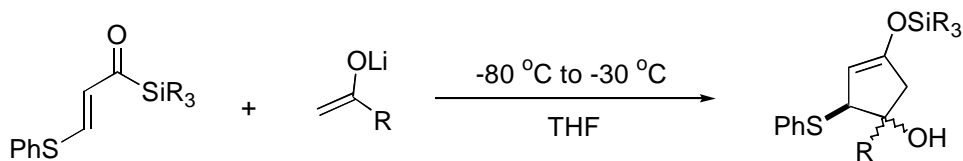


Provide reasonable mechanisms for the processes illustrated below. The first three are fairly straightforward examples of the base-promoted acylsilane rearrangements, coupled with other processes. The fourth example is more complex, but illustrates similar principles.



In addition to providing a reasonable mechanism, explain why a large excess of methyl iodide is required for the process above.

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