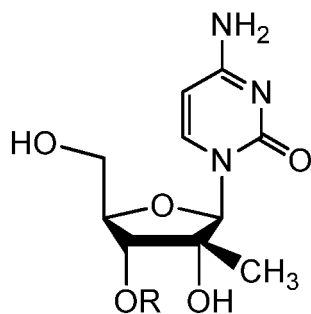
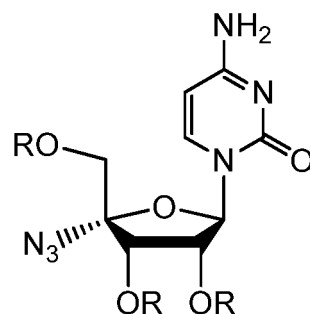


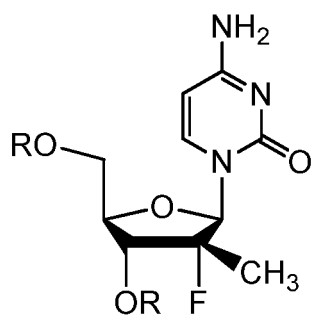
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R=H; **NM107**
R=Valine; **NM283**



R=H; **R1479**
R= $\text{COCH}(\text{CH}_3)_2$; **R1626**



R=H; **PSI6130**
R= $\text{COCH}(\text{CH}_3)_2$; **R7128**

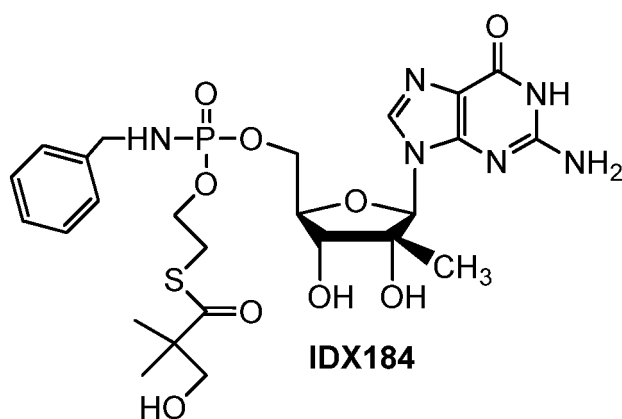
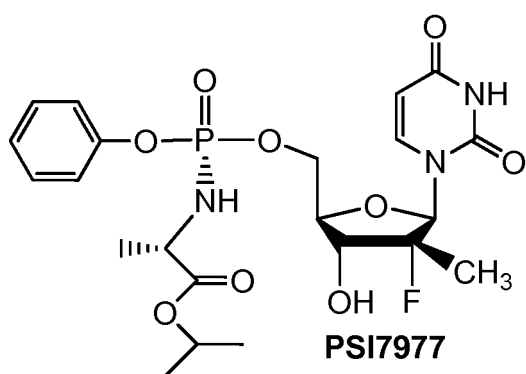
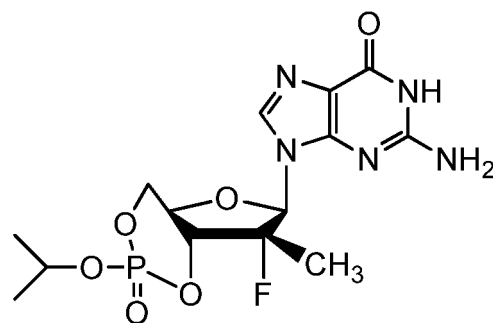
**IDX184****PSI7977****PSI938**

FIG. 1

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Synthesis of spiro[2.4]heptanes

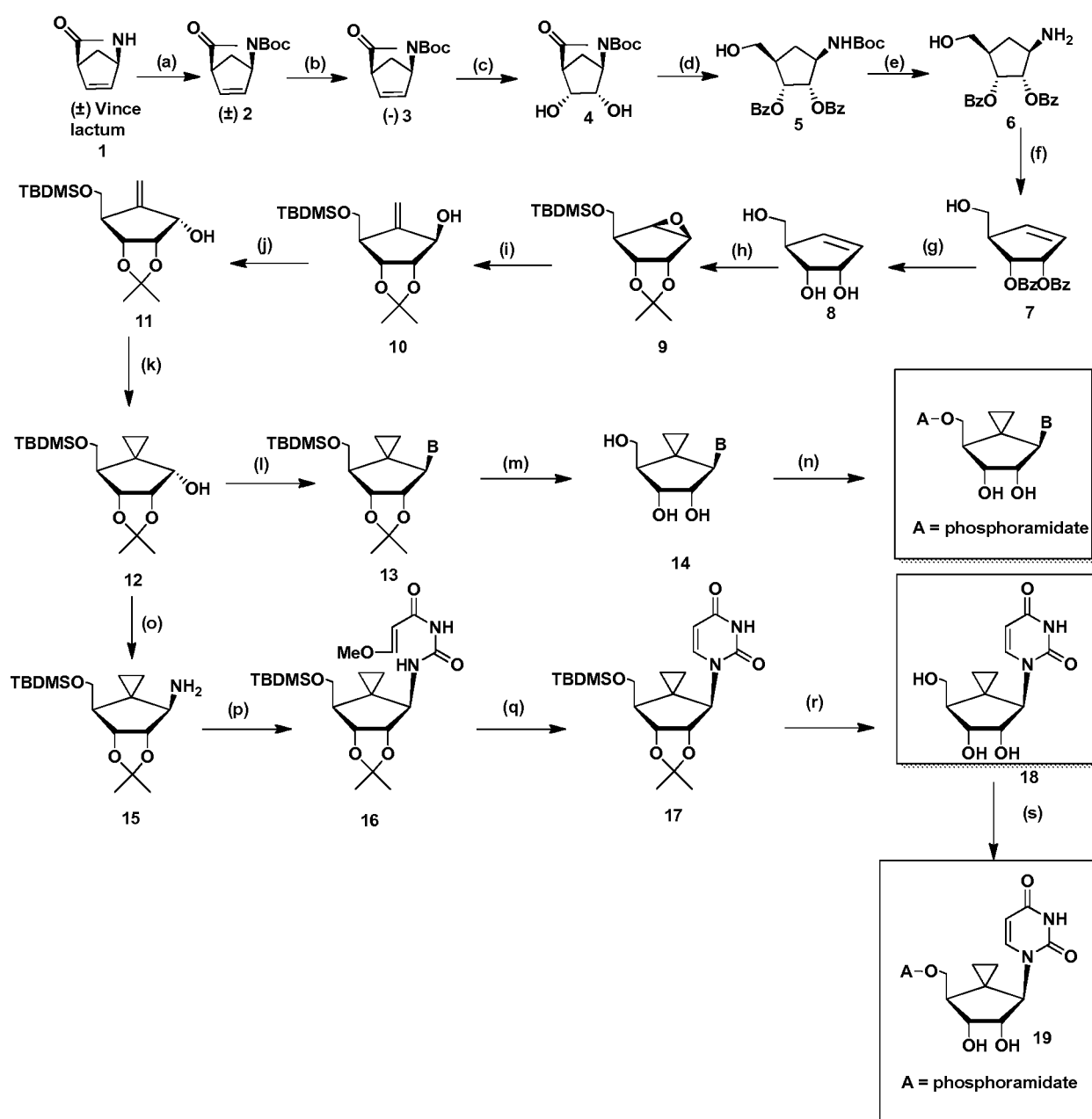


FIG. 2

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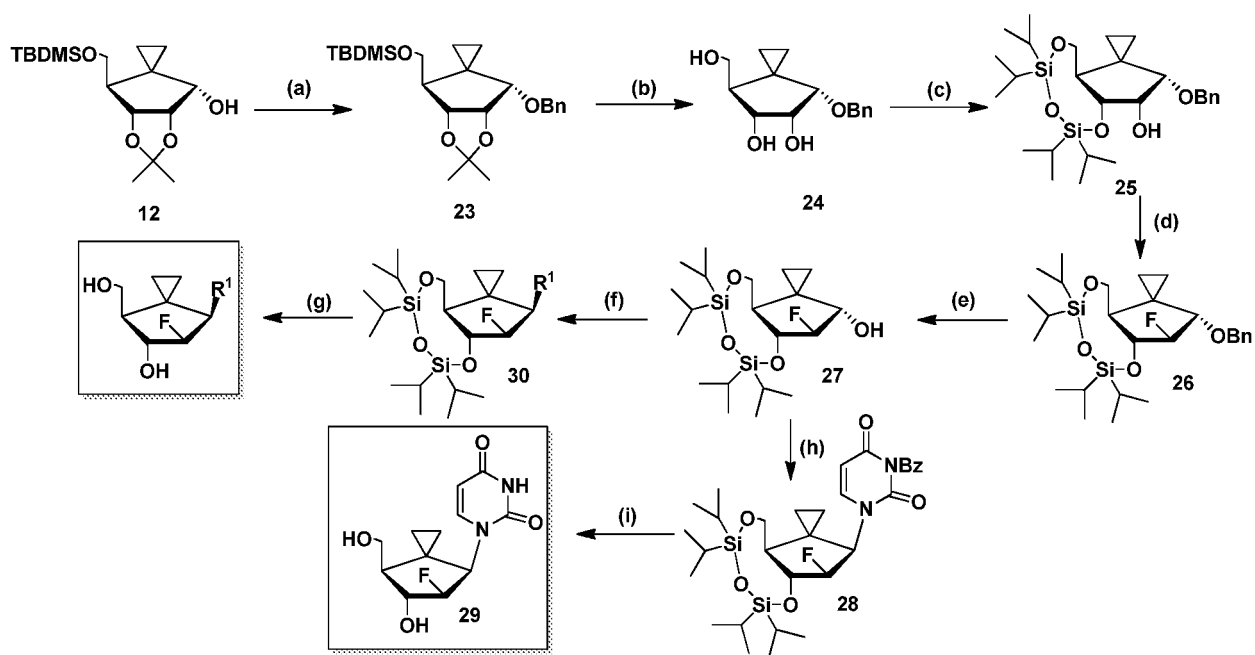


FIG. 3

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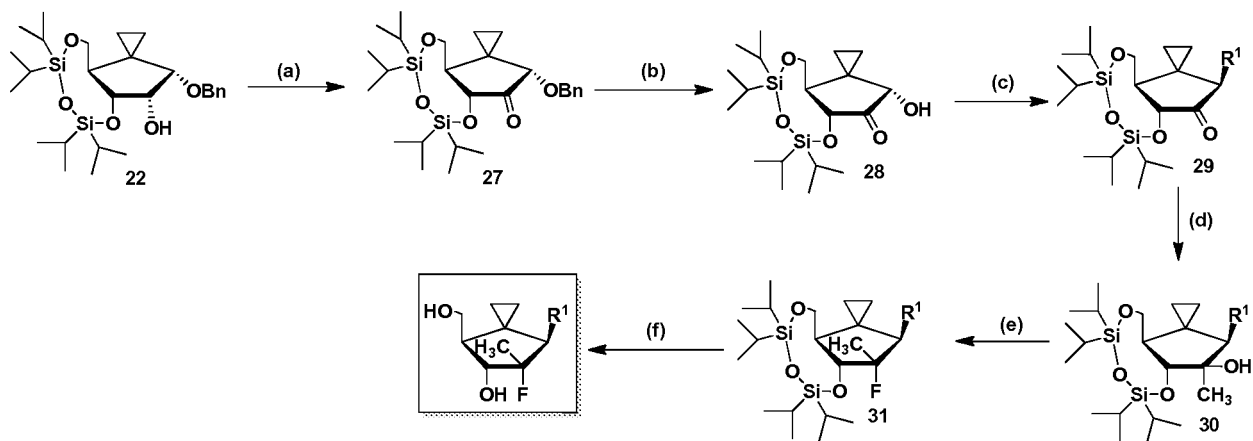


FIG. 4

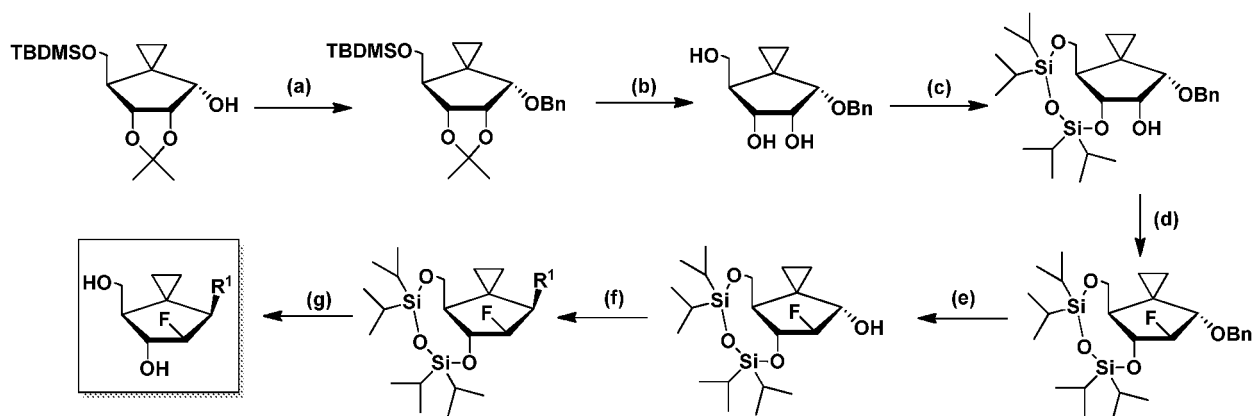


FIG. 5

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Synthetic Routes to spiro[2.4]heptanes

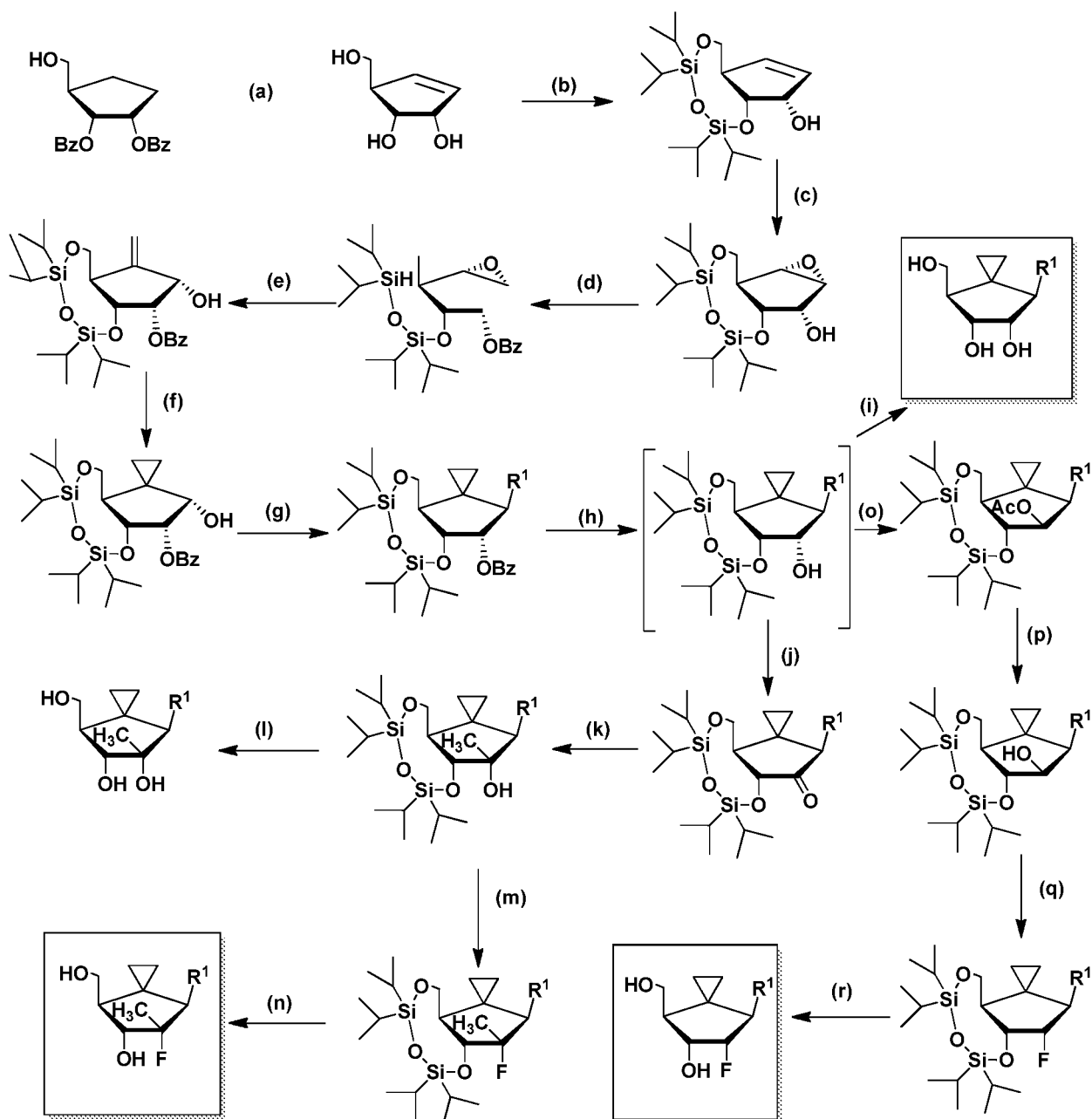


FIG. 6

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Synthetic Routes to spiro[2.4]heptanes

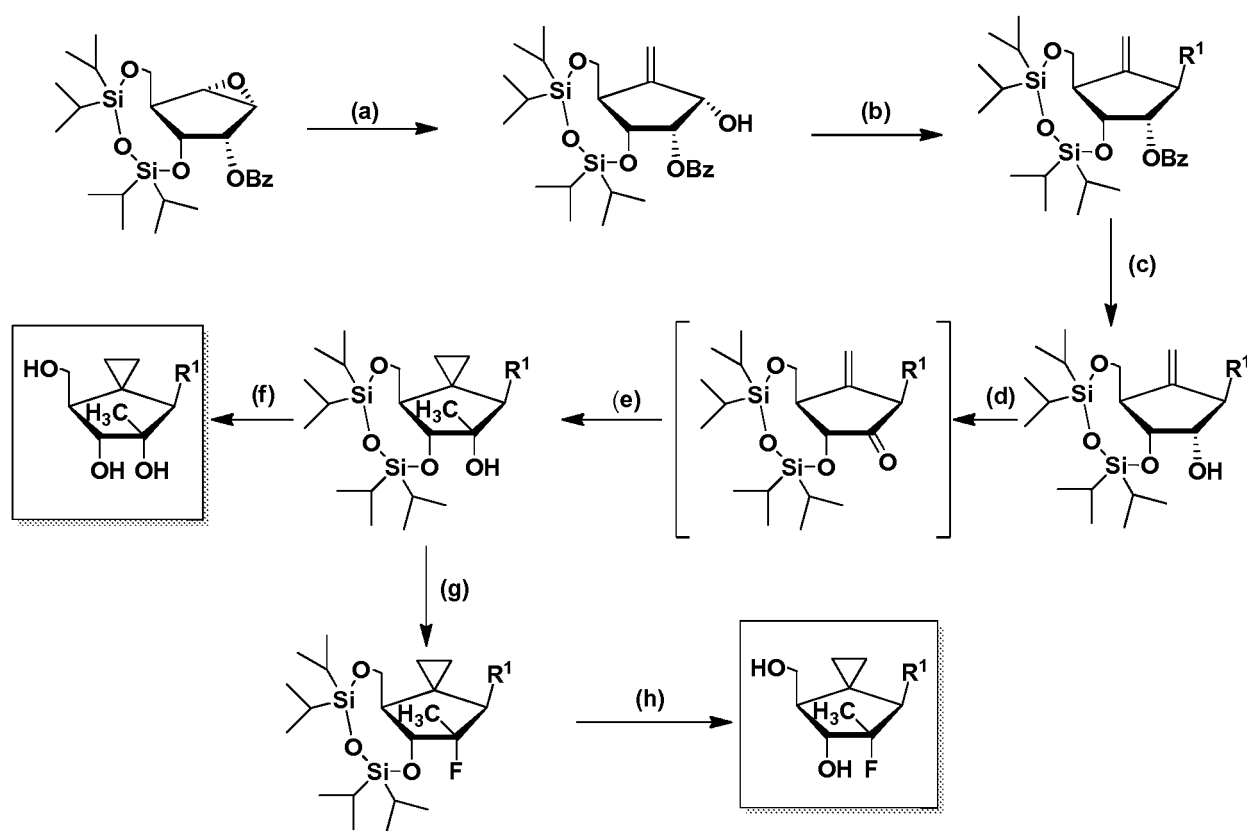


FIG. 7

Synthetic Routes to spiro[2.4]heptanes

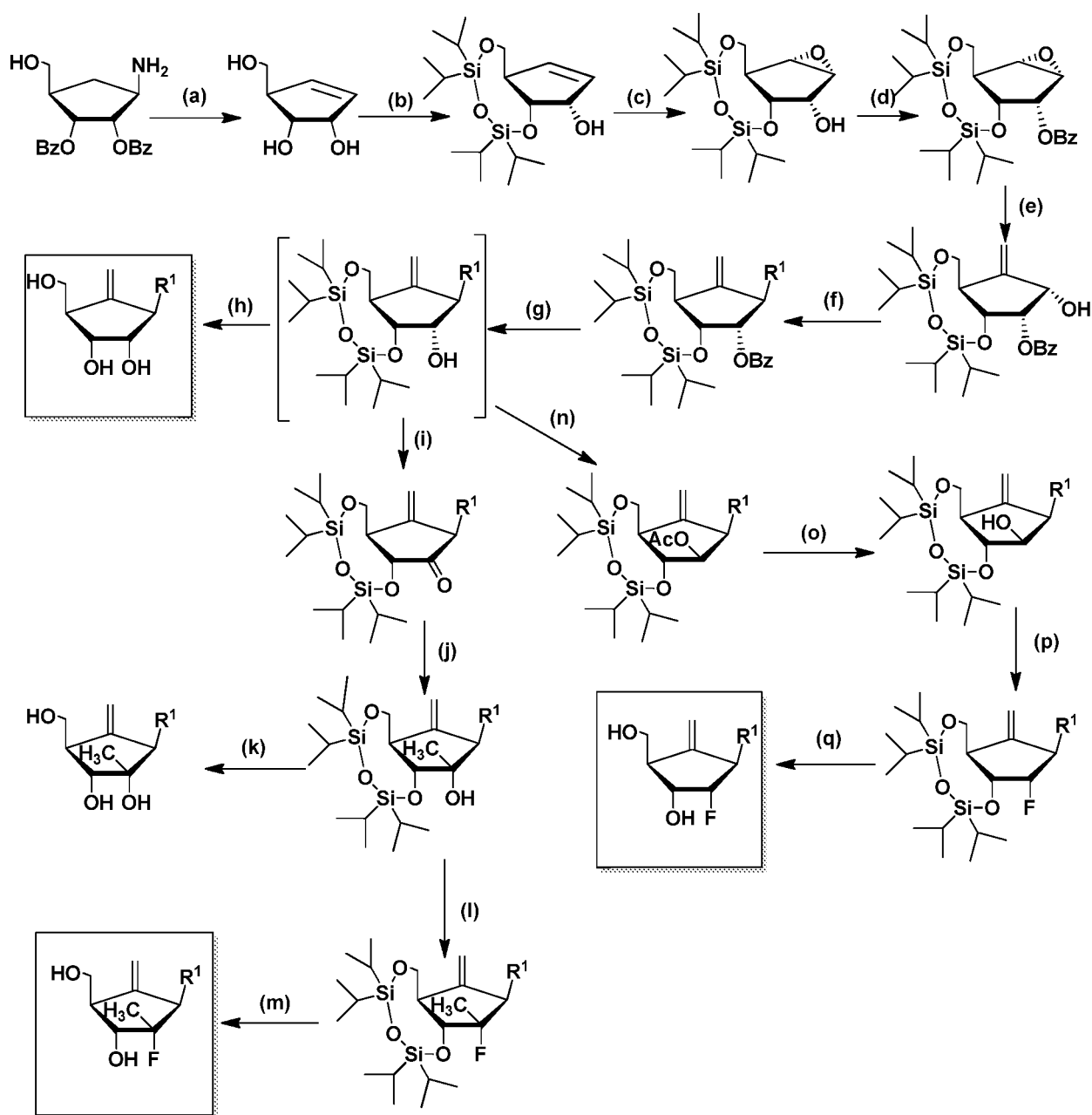


FIG. 8

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**Use of L-ribose to Prepare spiro[2.4]heptanes
with β -L Stereochemistry**

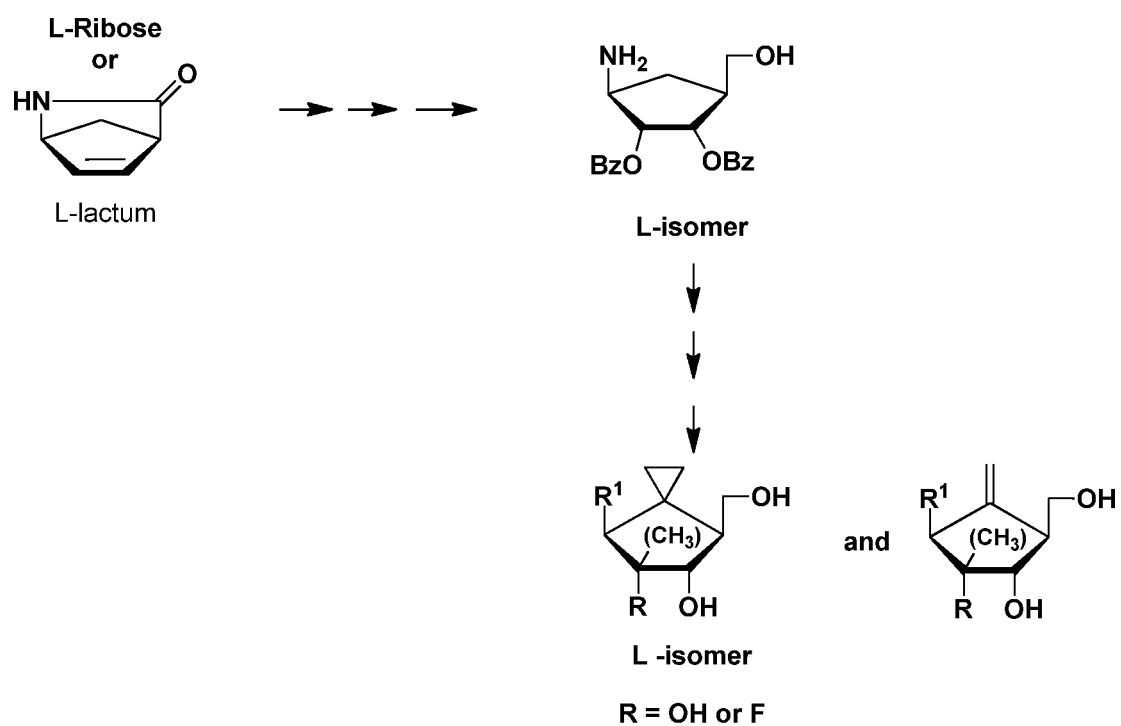


FIG. 9

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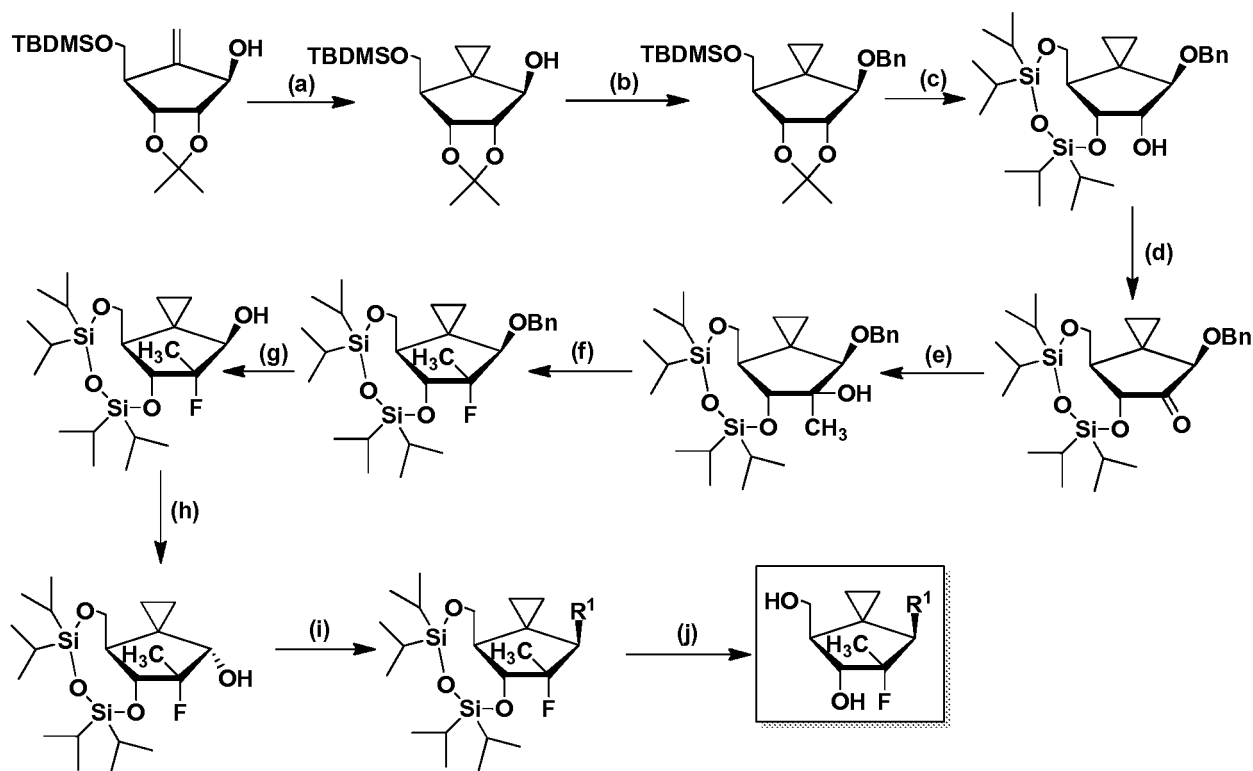


FIG. 10

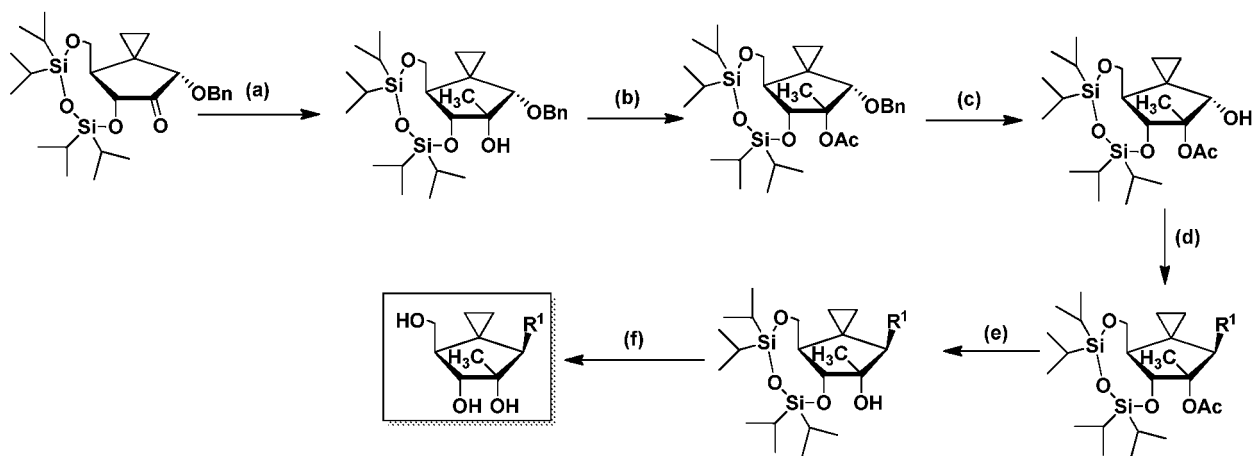


FIG. 11