# **Supporting Information**

## Stereoselective Approach to Aminocyclopentitols from Garner aldehydes<sup>#</sup>

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Fig 2: <sup>13</sup>C NMR Spectra of Compound 3a.





Fig 4: <sup>13</sup>C NMR Spectra of Compound 7a.



Fig 5: <sup>1</sup>H NMR of Compound 7b.



Fig 6: <sup>13</sup>C NMR Spectra of Compound 7b.



Fig 7: <sup>1</sup>H NMR of Compound 10a.



Fig 8: <sup>13</sup>C NMR Spectra of Compound 10a.



Fig 9: <sup>1</sup>H NMR of Compound 11a.



Fig 10: <sup>13</sup>C NMR Spectra of Compound 11a.



Fig 11: DEPT NMR Spectra of Compound 11a.



Fig 12: <sup>1</sup>H NMR of Compound 2a.



Fig 13: <sup>13</sup>C NMR Spectra of Compound 2a.



Fig 14: <sup>1</sup>H NMR of Compound 2b.



Fig 15: <sup>13</sup>C NMR Spectra of Compound 2b.



Fig 16: <sup>1</sup>H NMR of Compound 9a.



Fig 17: <sup>13</sup>C NMR Spectra of Compound 9a.



Fig 18: <sup>1</sup>H NMR of Compound 9b.



Fig 19: <sup>13</sup>C NMR Spectra of Compound 9b.



Fig 20: <sup>1</sup>H NMR of Compound 1a.



Fig 21: <sup>13</sup>C NMR Spectra of Compound 1a.



Fig 22: <sup>1</sup>H NMR of Compound 1c.



Fig 23: <sup>13</sup>C NMR Spectra of Compound 1c.



Fig 24: <sup>1</sup>H NMR of Compound 12b.