

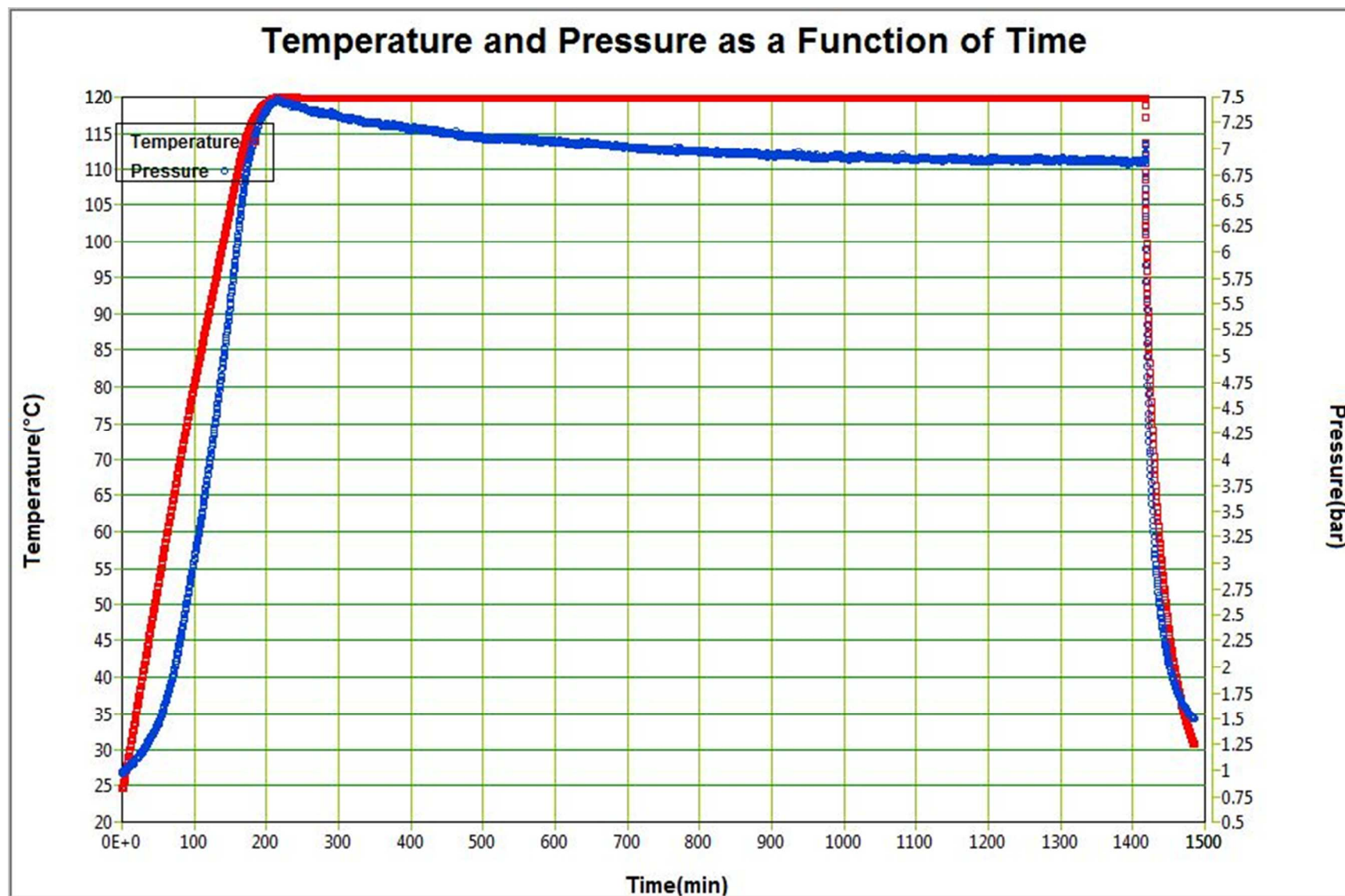
A Non-Racemic Synthesis of GK-GKRP Disruptor AMG-3969

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Supporting information

- 1) Analysis of conversion of compound **4** to compound **5**.....S2
- 2) Proton and carbon NMR spectra.....S3 - S15
- 3) Chiral SFC analysis of compound **5**.....S16

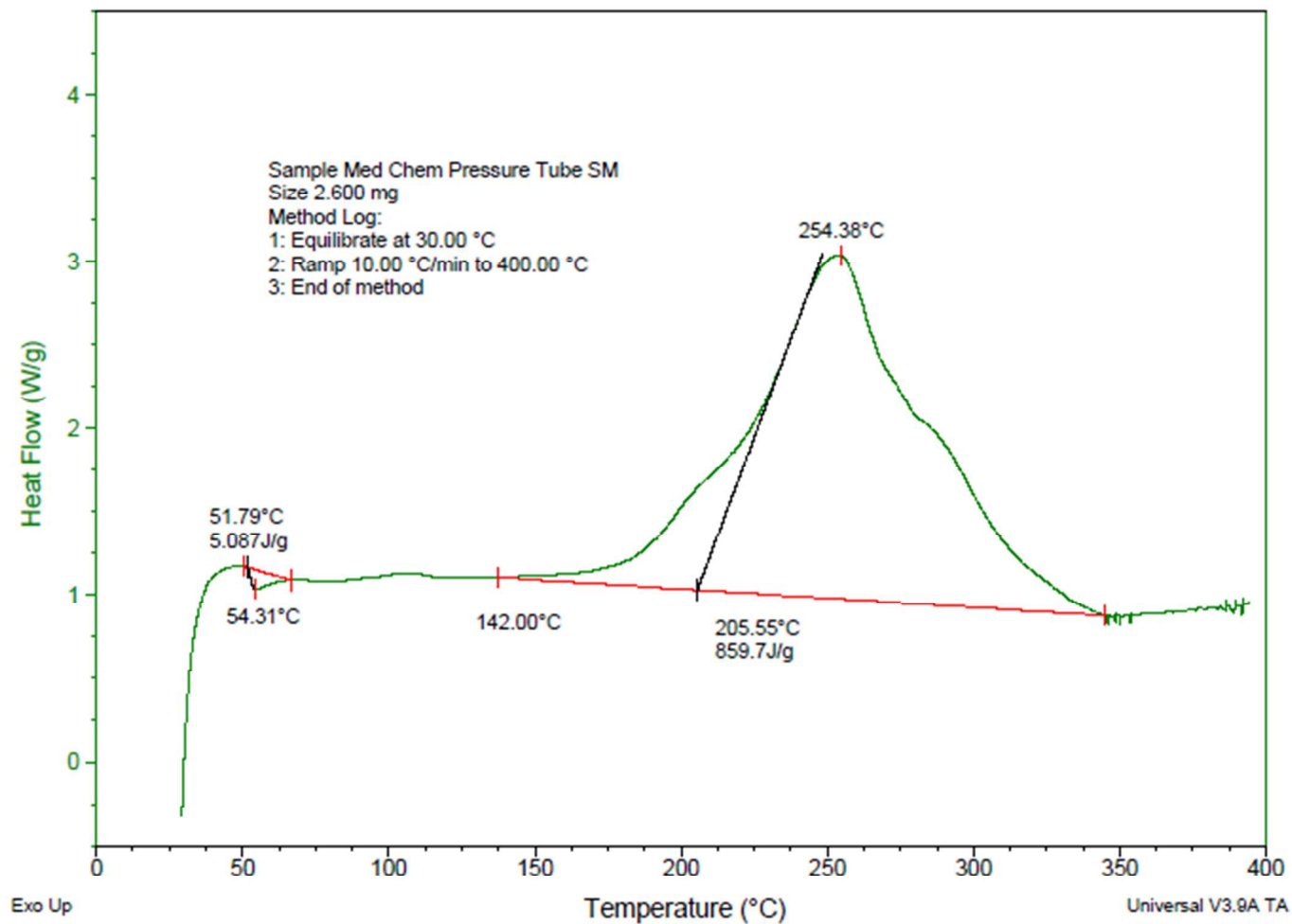
Analysis of conversion of compound 4 to compound 5



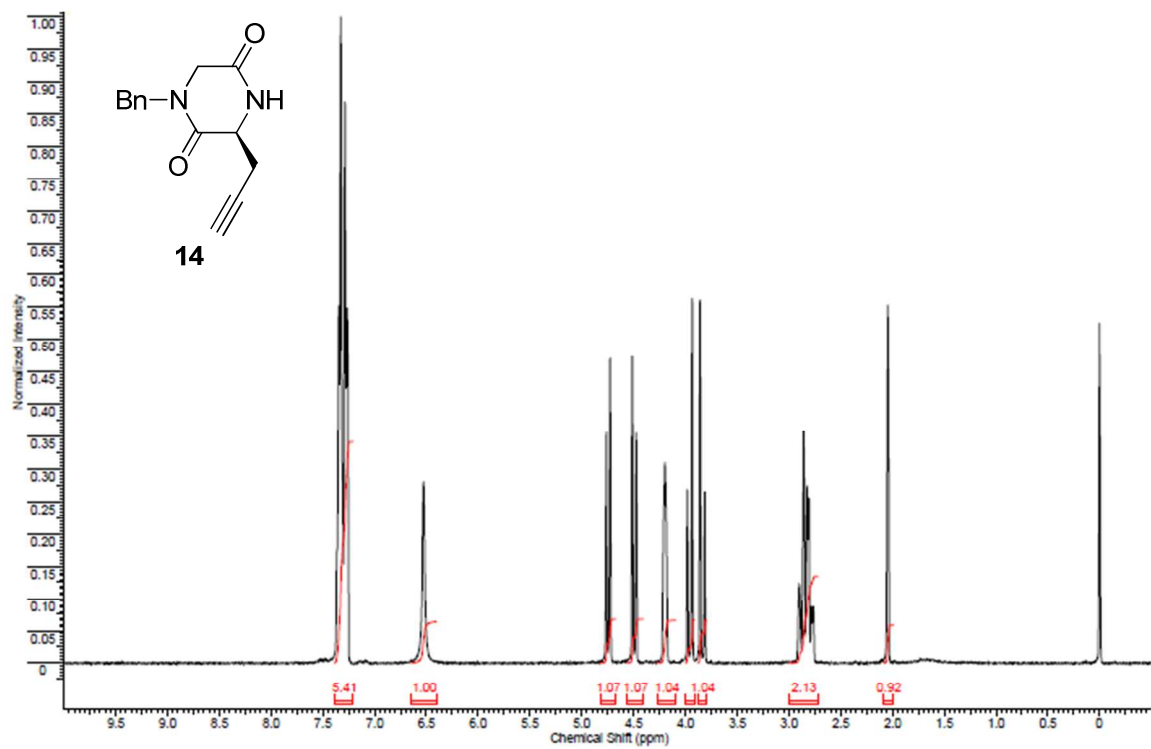
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Comment: Research Sample.

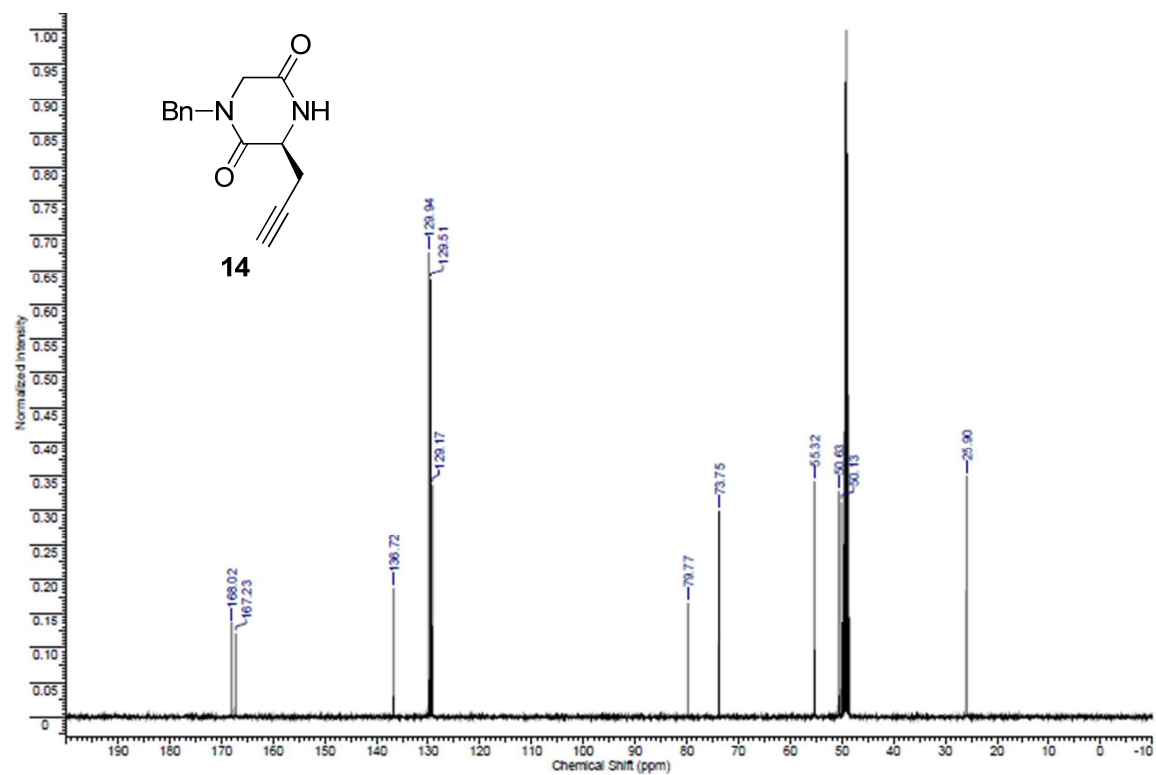
DSC

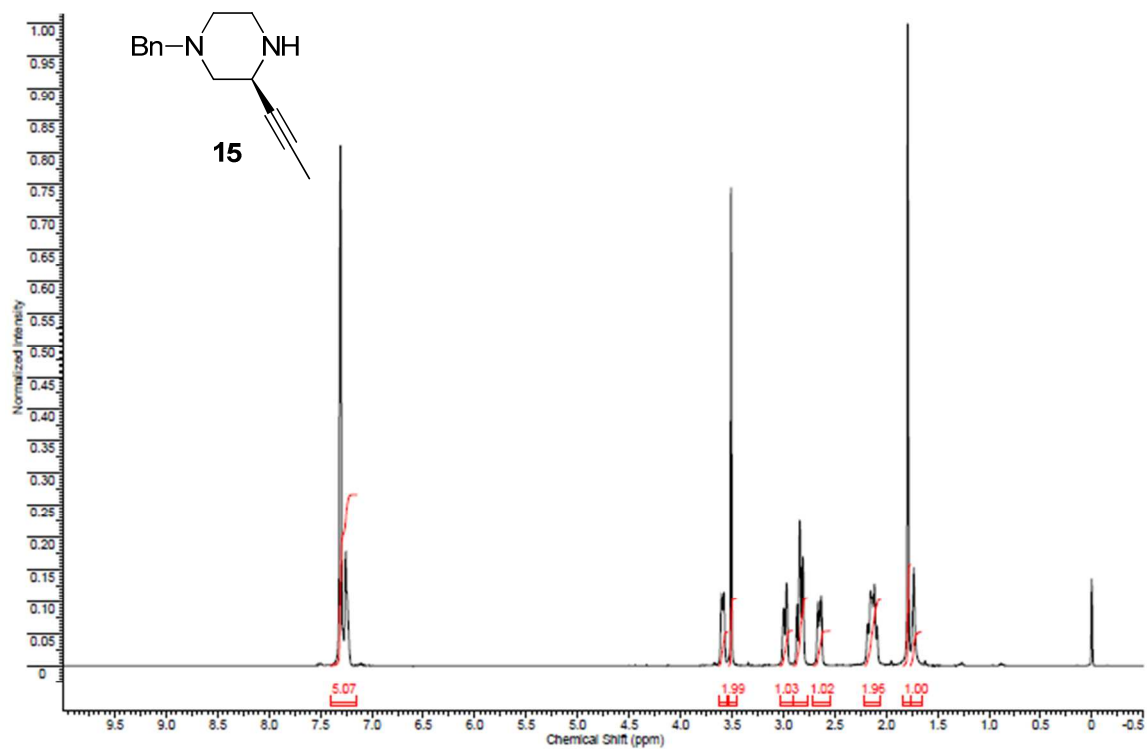
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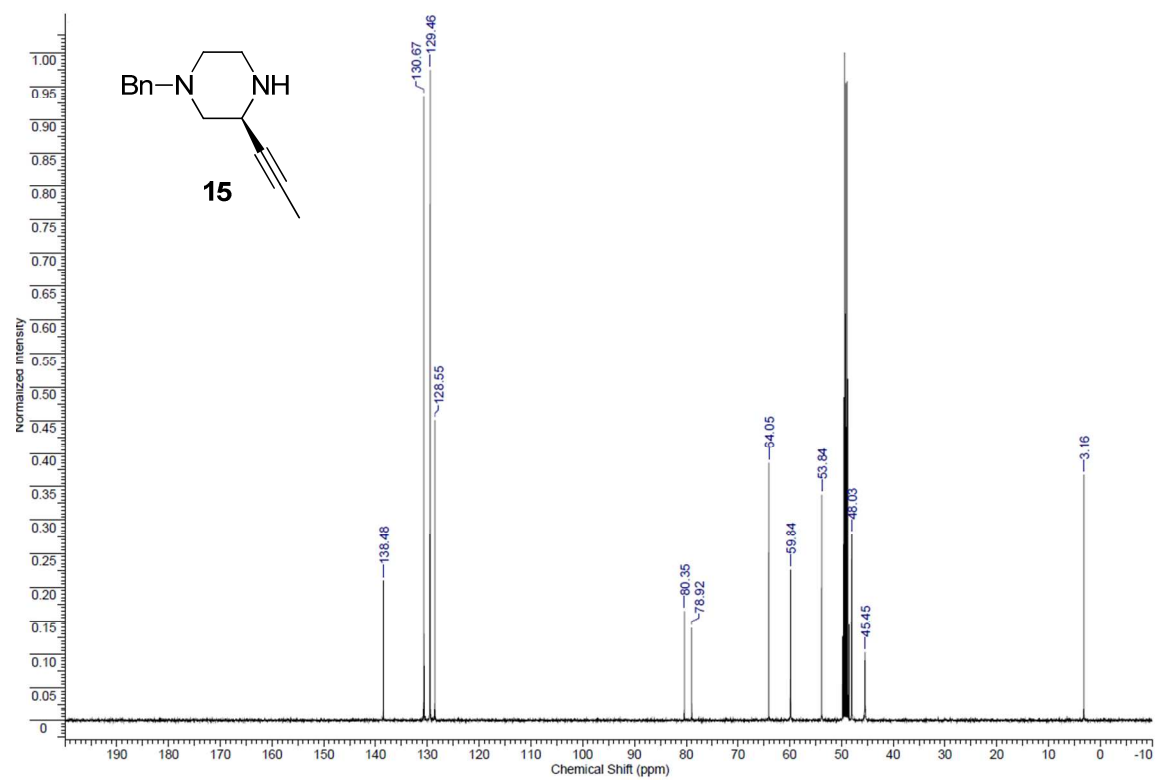


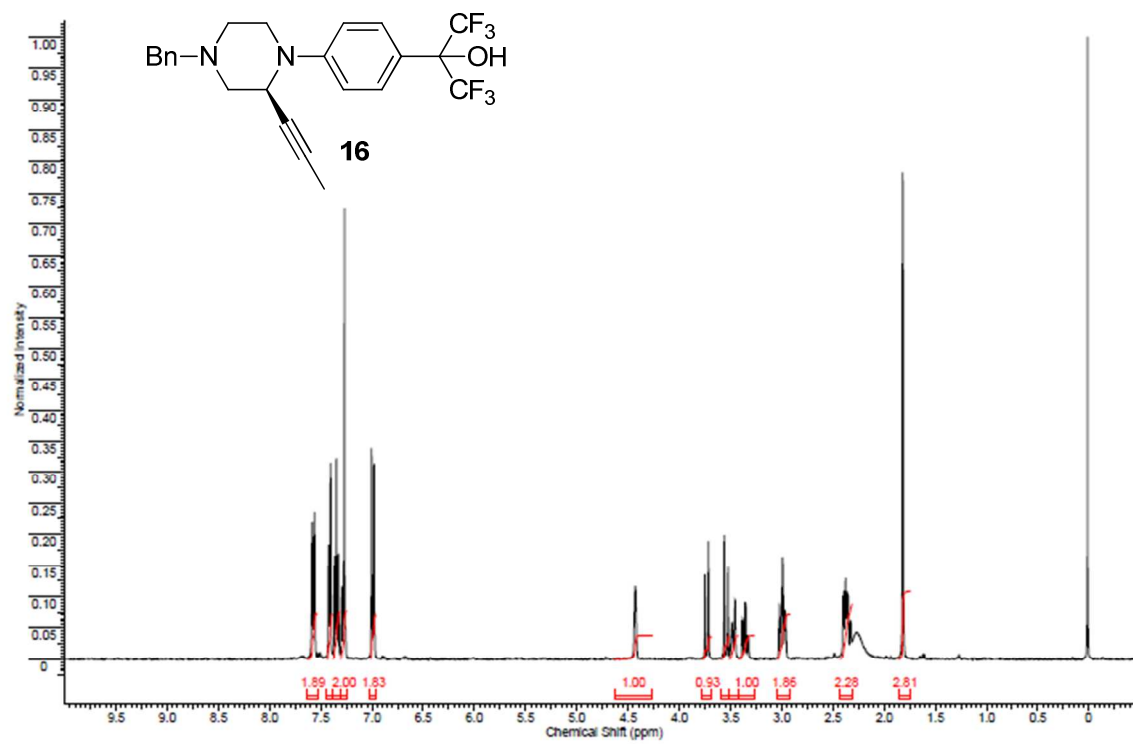
Proton and carbon NMR spectra

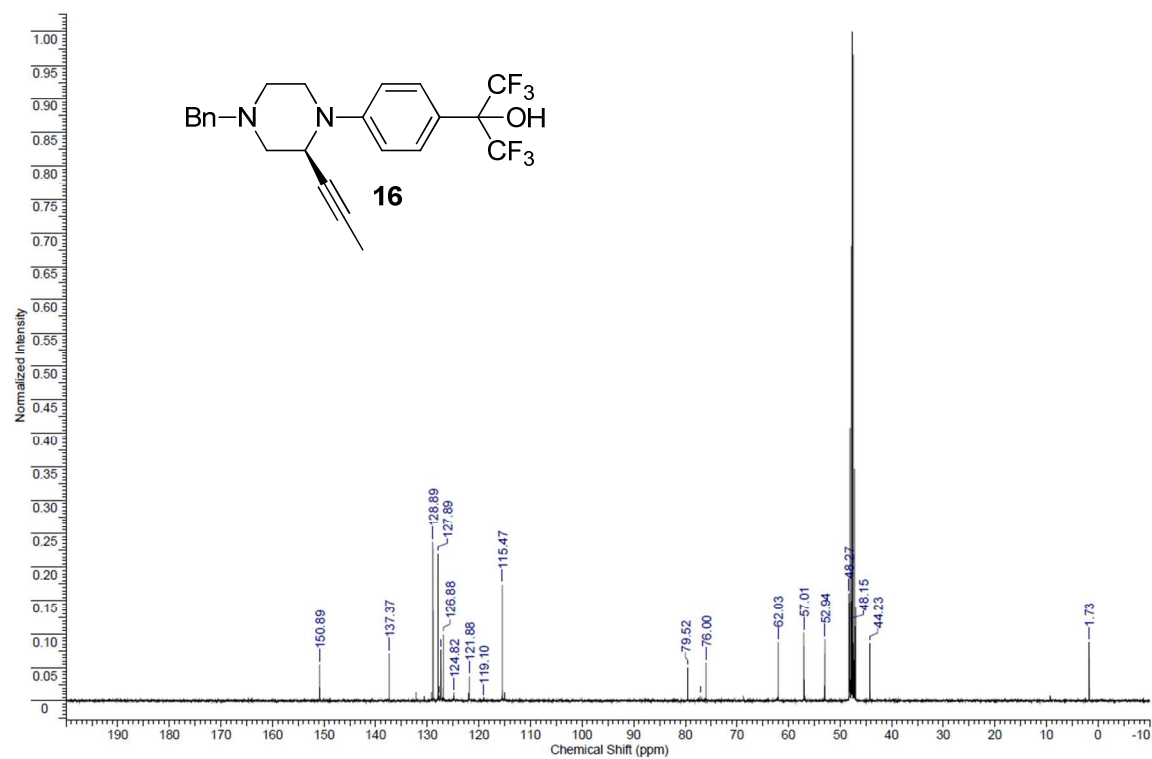


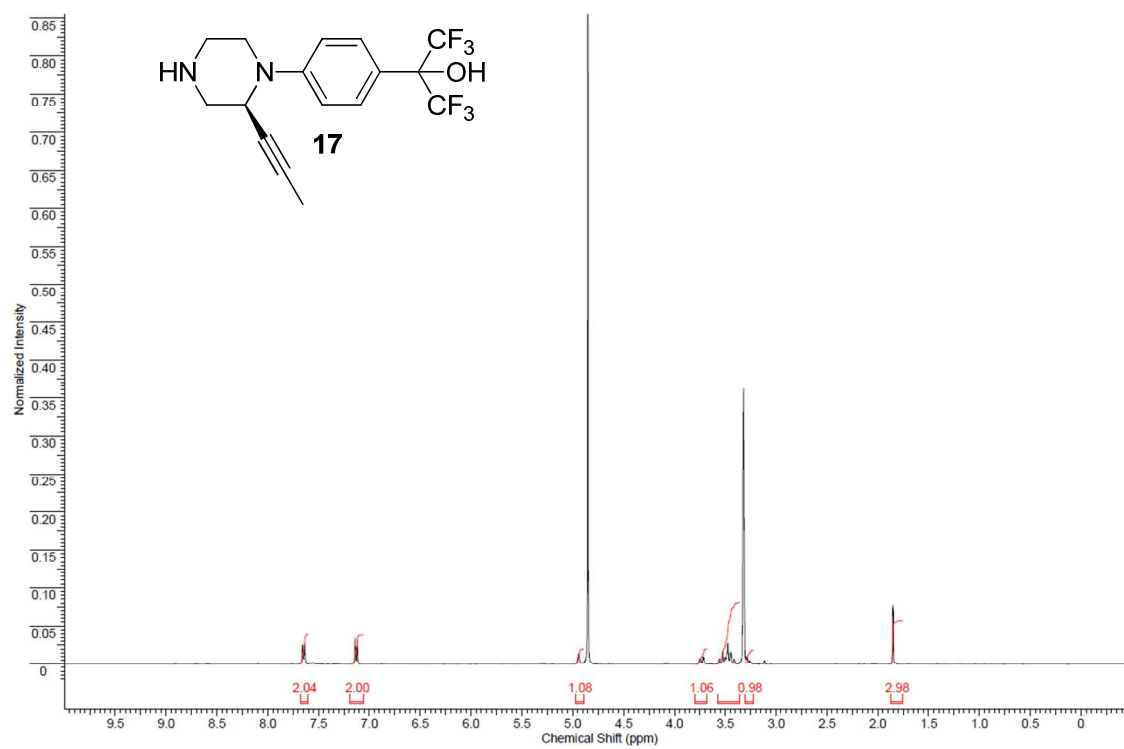


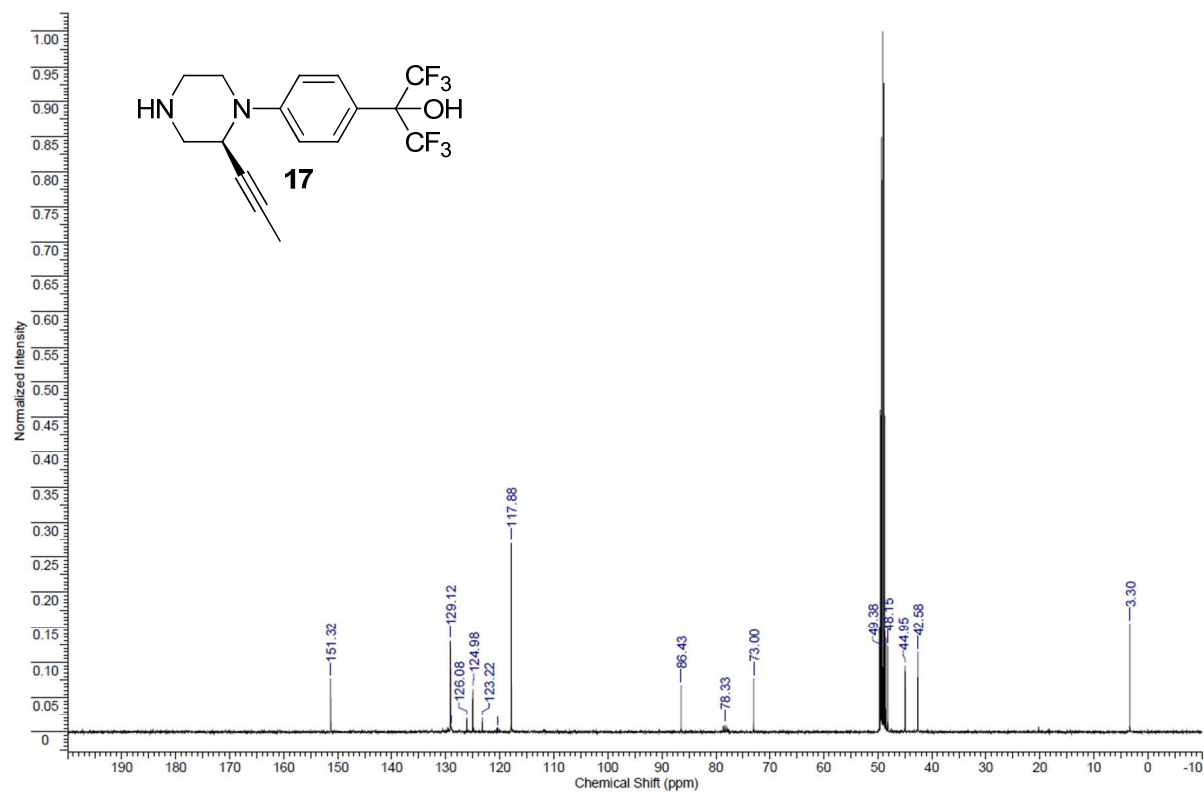


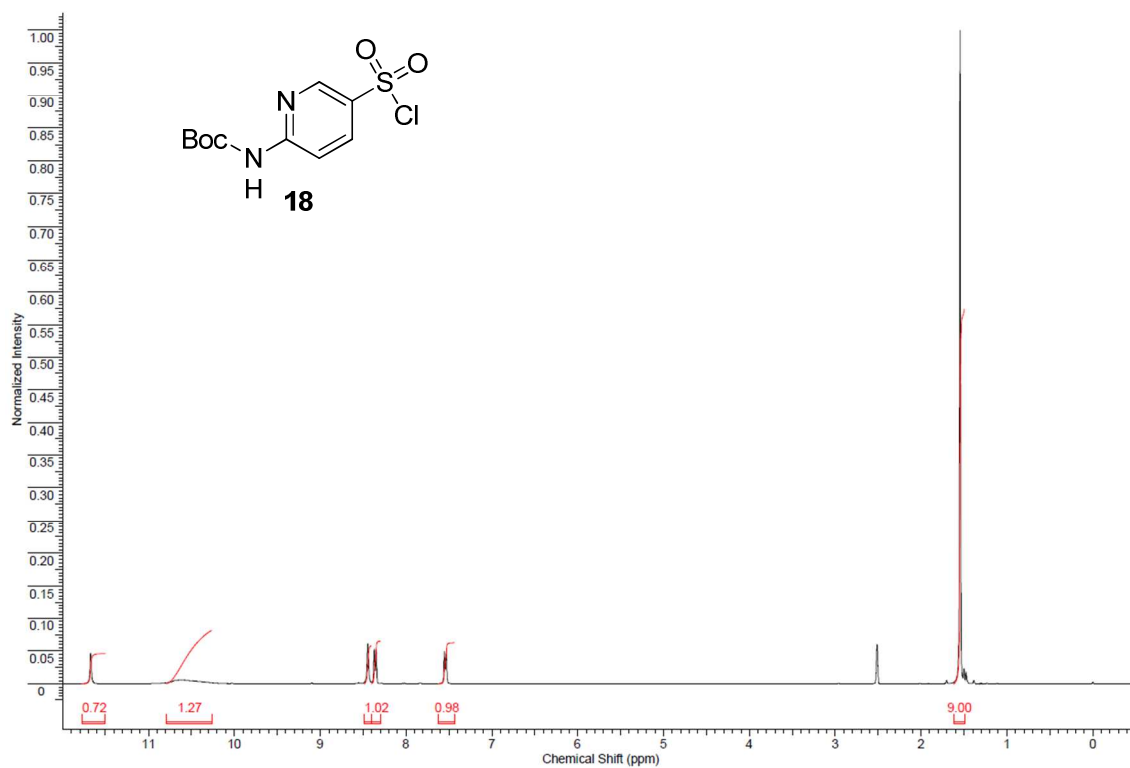


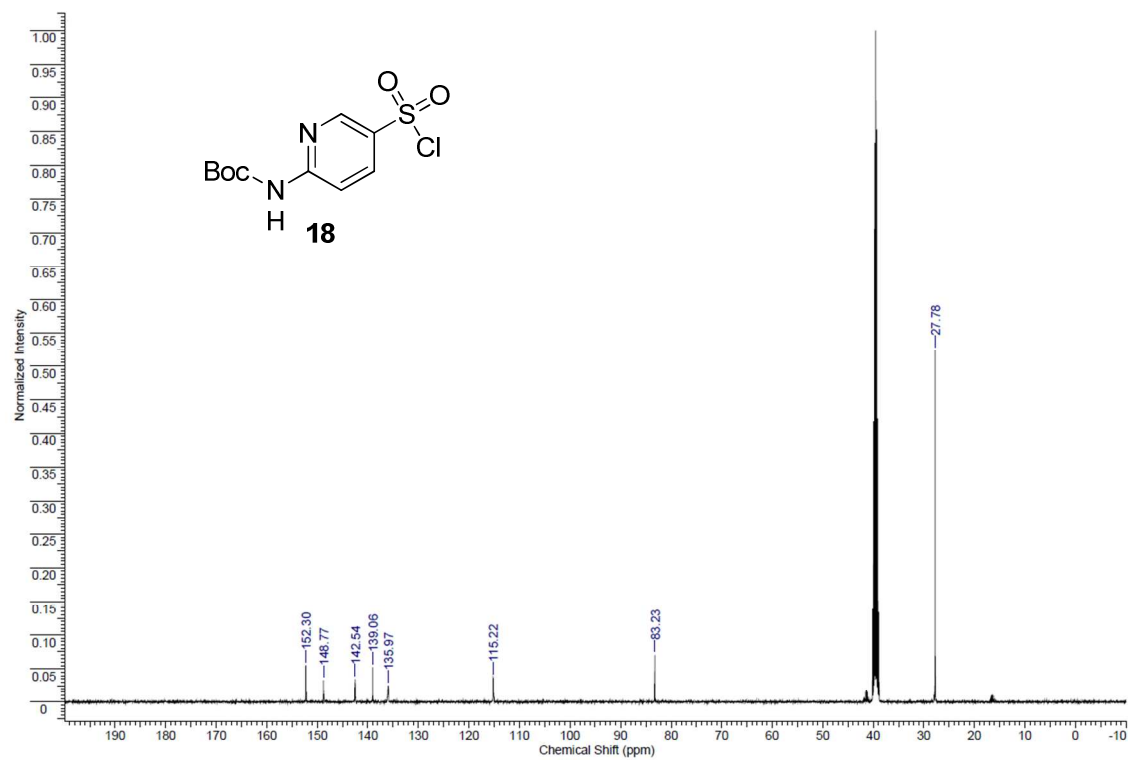


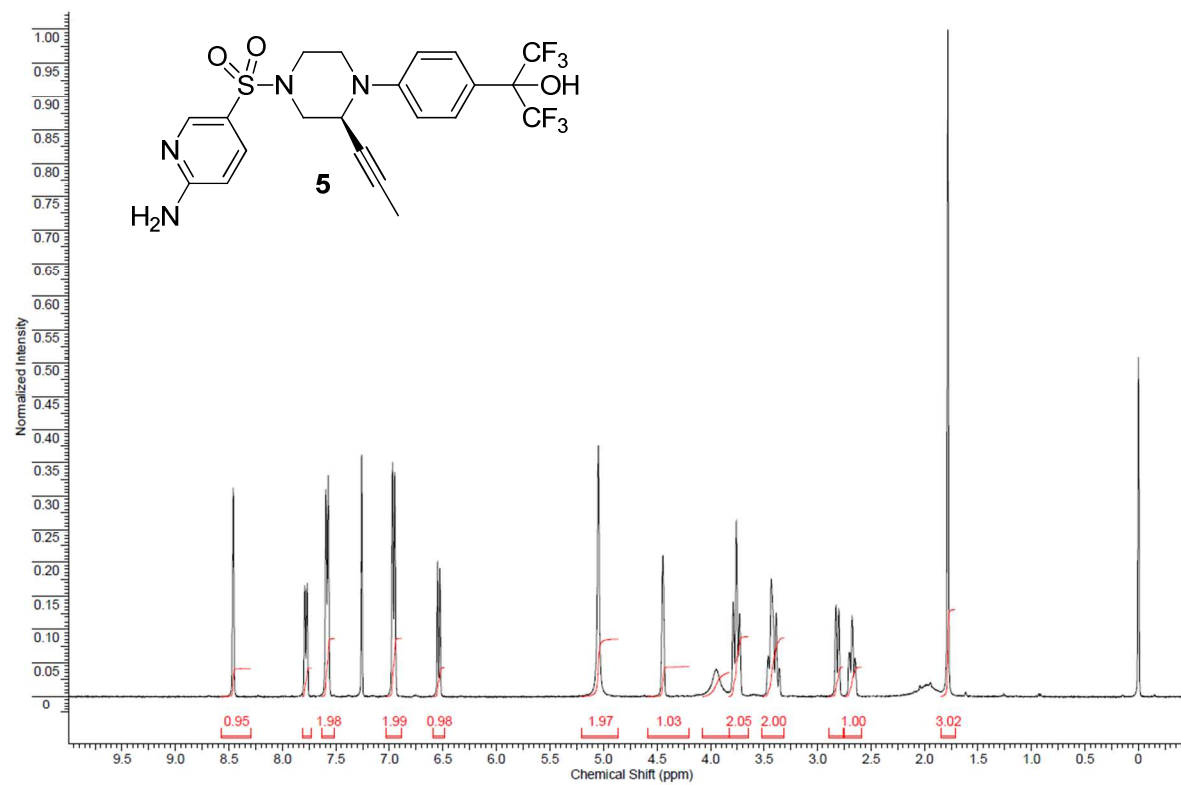


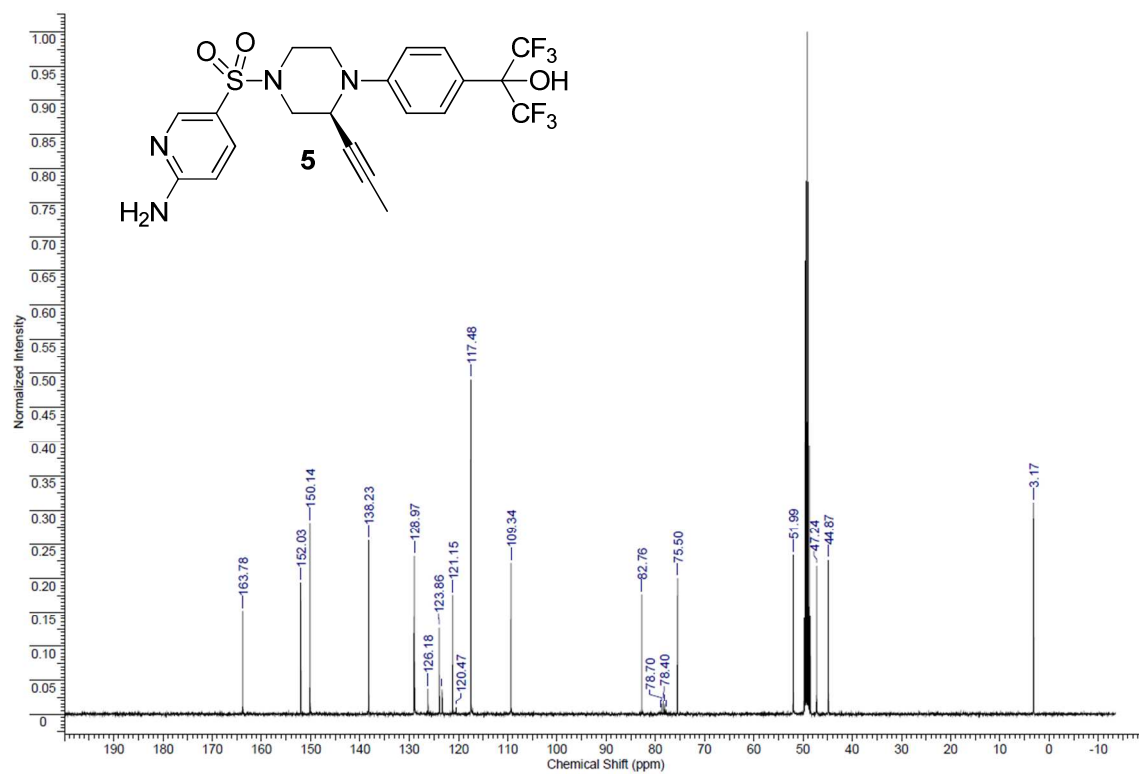




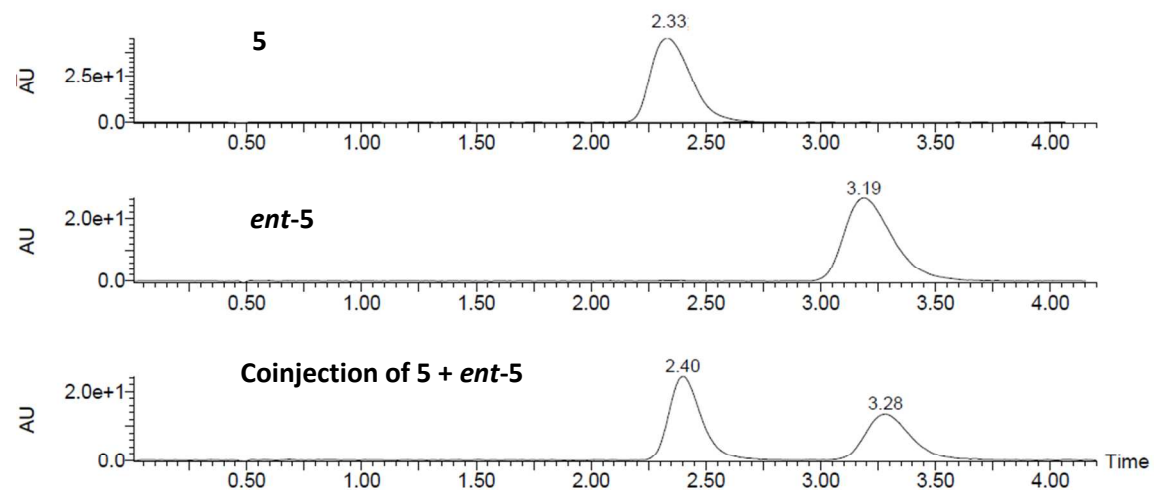








Chiral SFC Analysis of 5



Analytical SFC conditions: AD (5 μ m, 4.6mm x 15cm) column with 30% MeOH with 20mM ammonia in super critical CO₂; flow rate = 4.0 mL/min, T = 40 °C, pressure = 100 bar. The enantiomeric excess for AMG-3969 was determined to be > 99.5%.