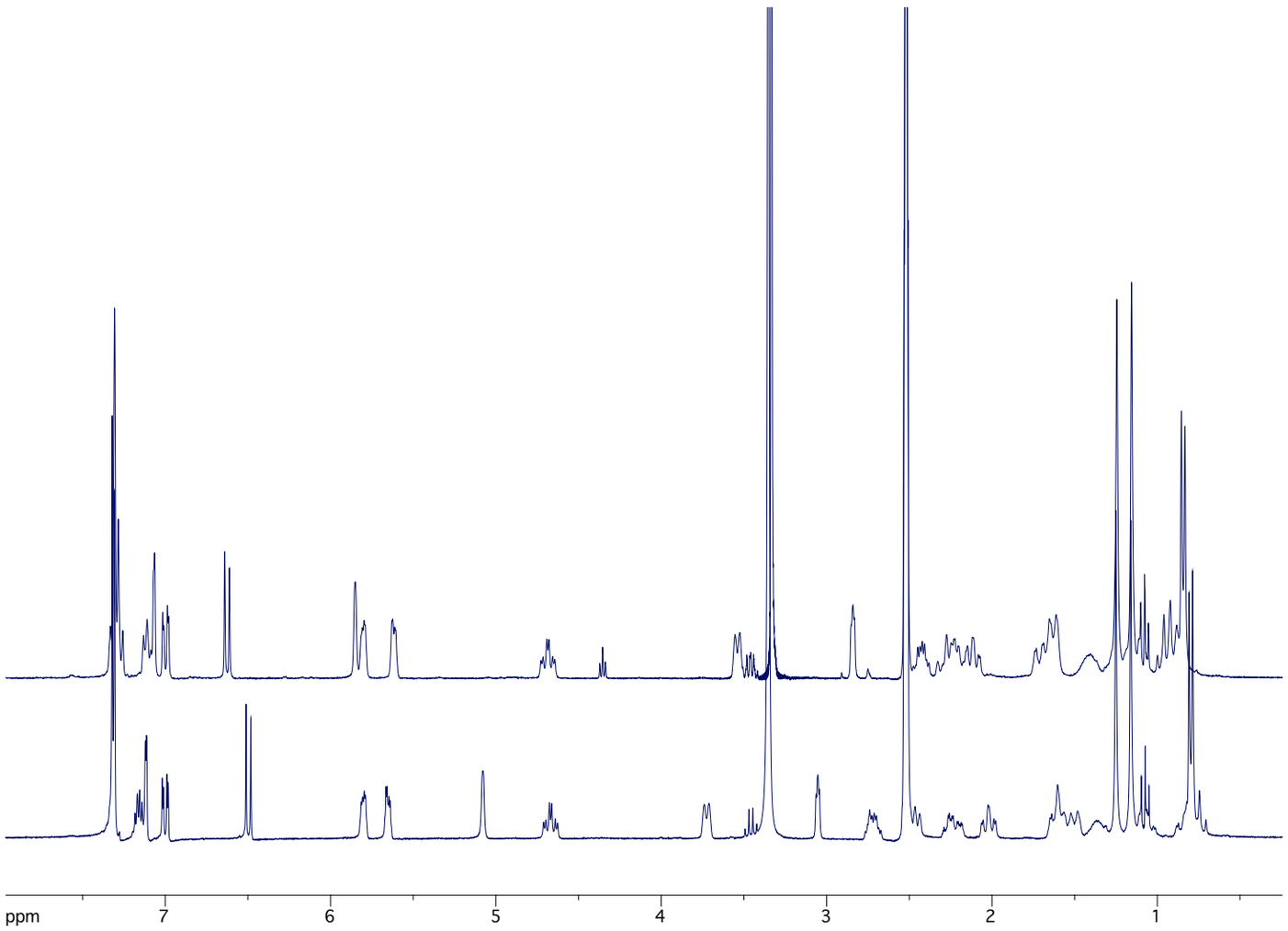
3

NMR is Science



Both enantiomers of 8-bromo-tetrahydro-3H-cyclopenta[c]quinoline-4-carboxylic acid phenylmenthyl ester2-(1-methyl-1-phenyl-ethyl)-cyclohexyl ester in DMSO

Joern Saupe, 2009

Synthesis Department | AnalytiCon Discovery GmbH

Field strength: 300 MHz

Why is this your favorite spectrum?

I was finally successful in separating the enantiomers of the 8-bromo-tetrahydro-3H-cyclopenta[c]quinoline-4-carboxylic acid after quite a few transesterification reactions using different chiral alcohols. The diastereomers were synthesized using (-)-8 phenylmenthyl as enantiomeric pure alcohol.