

SUPPORTING INFORMATION

Title: Synthesis of a Small Repertoire of Non-Racemic 5a-Carbahexopyranoses and 1-Thio-5a-carbahexopyranoses

Author(s): Franca Zanardi,* Lucia Battistini, Lucia Marzocchi, Domenico Acquotti, Gloria Rassa, Luigi Pinna, Luciana Auzzas, Vincenzo Zambrano, Giovanni Casiraghi*

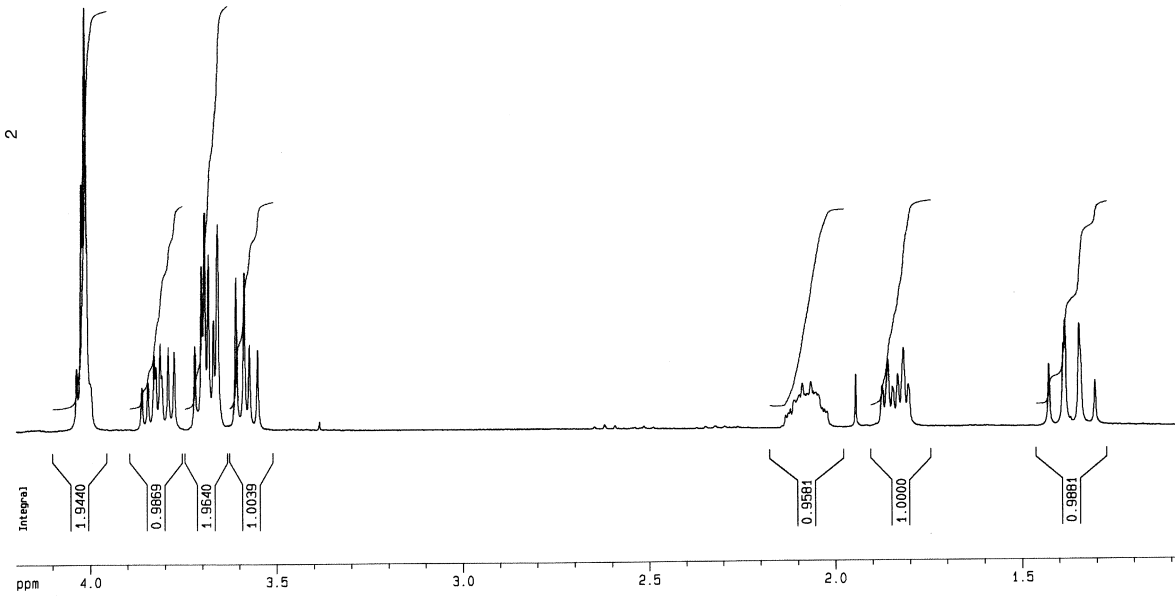
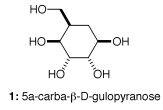
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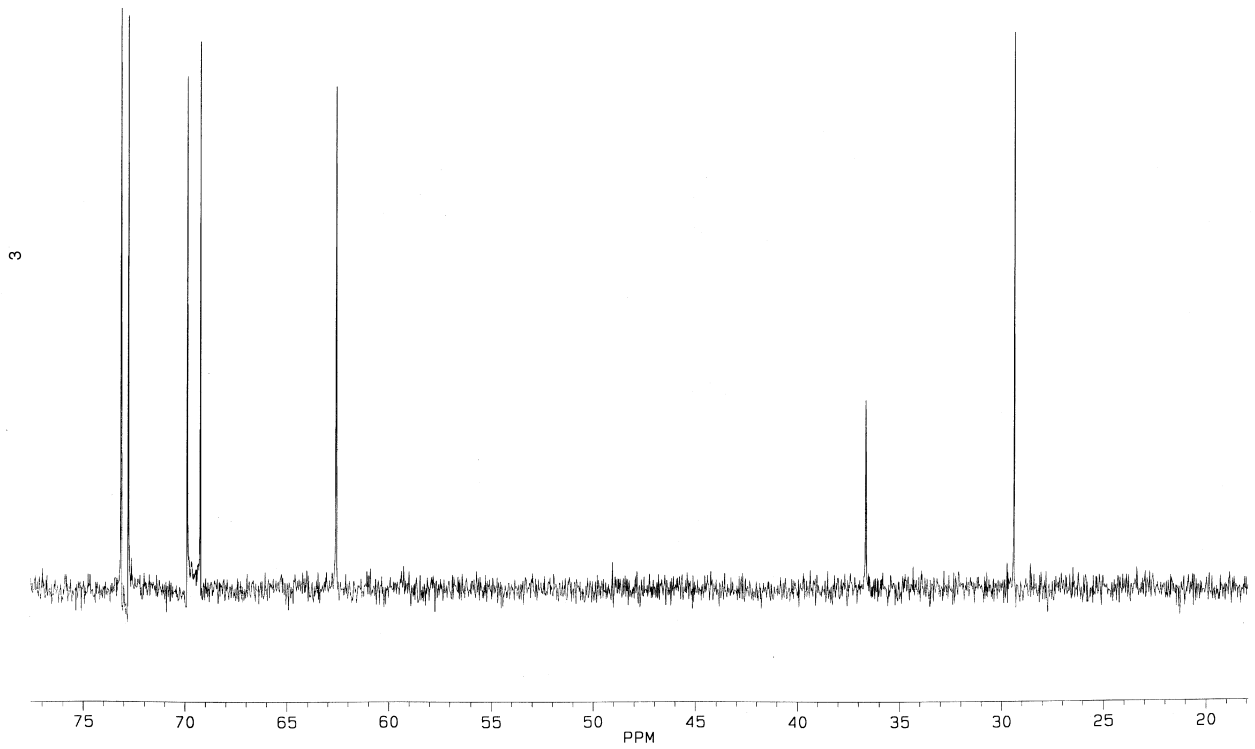
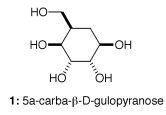
Synthesis of a Small Repertoire of Nonracemic 5a-Carbahexopyranoses and (5a-Carbahexopyranosyl)thiols

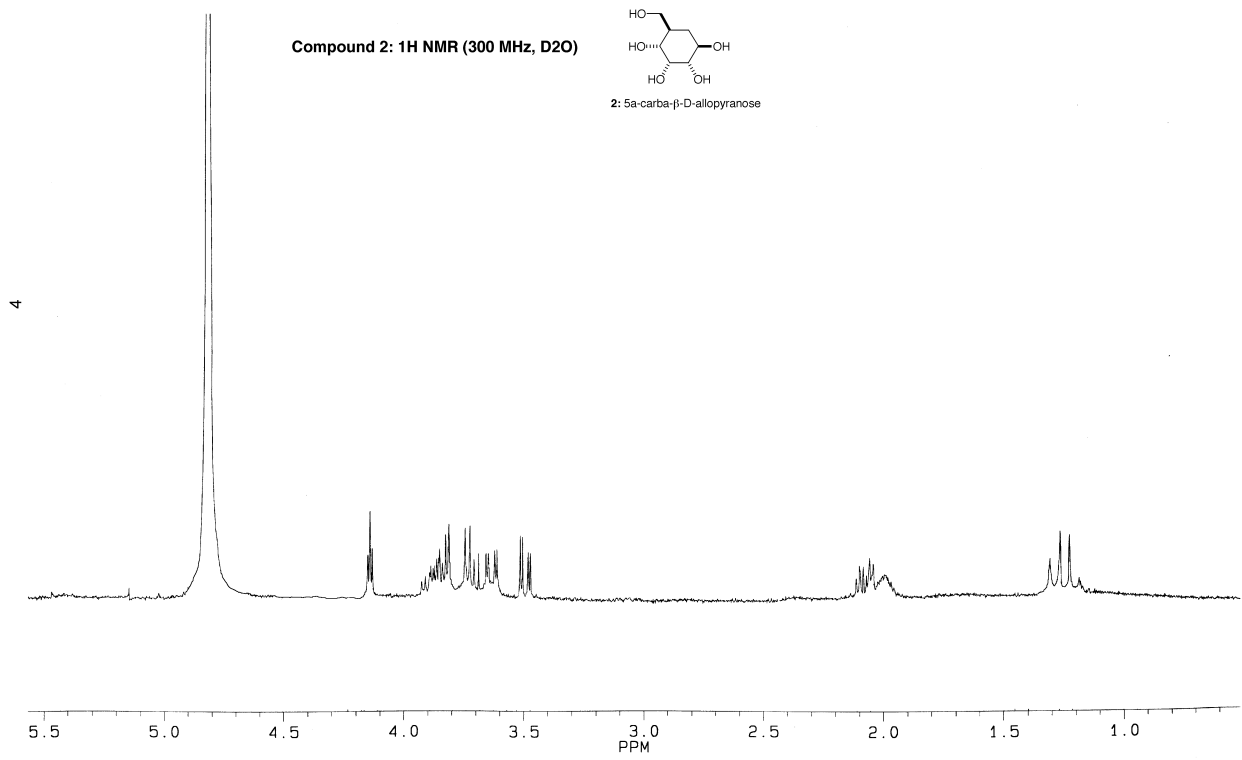
Franca Zanardi,* Lucia Battistini, Lucia Marzocchi, Domenico Acquotti, Gloria Rassu, Luigi Pinna, Luciana Auzzas, Vincenzo Zambrano, and Giovanni Casiraghi*

Eur. J. Org. Chem.

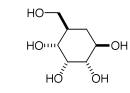
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Compound 1: ¹H NMR (300 MHz, D₂O)

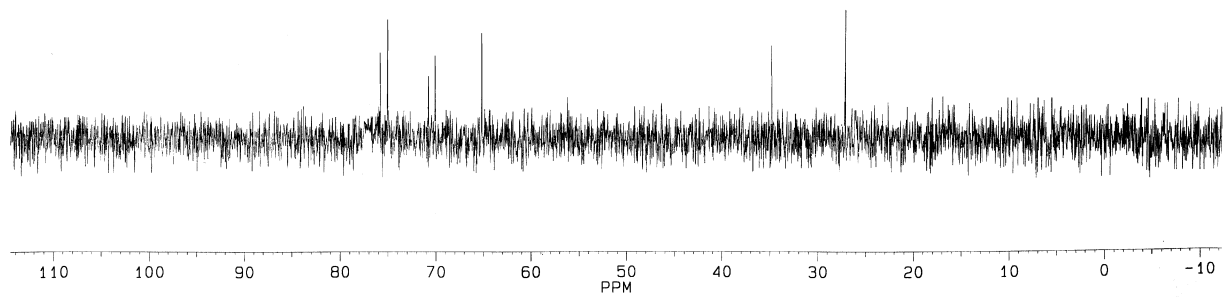
Compound 1: ^{13}C NMR (75 MHz, D_2O)

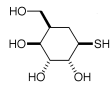


Compound 2: ^{13}C NMR (75 MHz, D_2O)

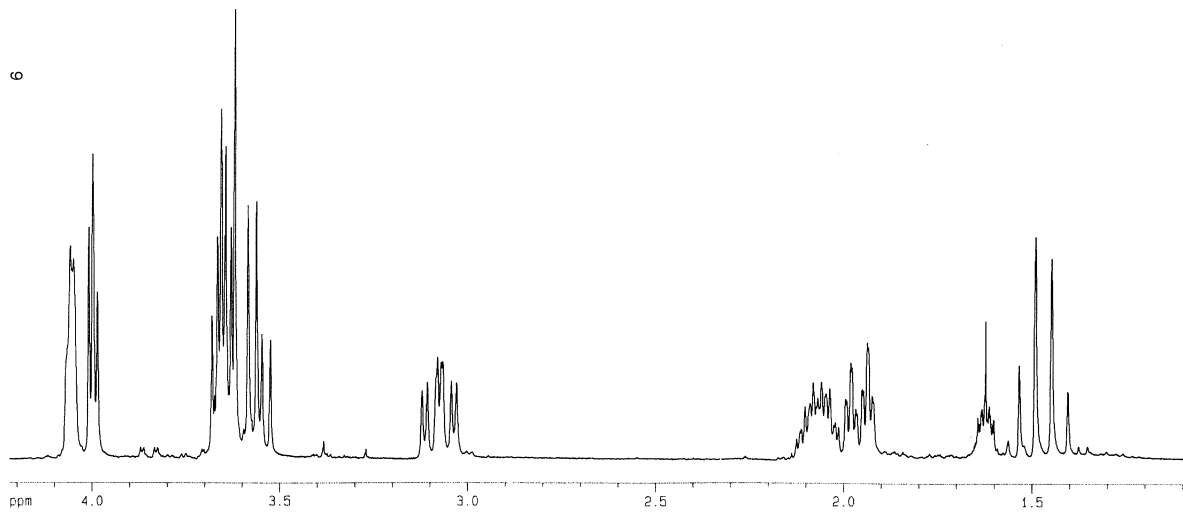


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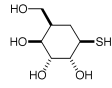


Compound 3: ^1H NMR (300 MHz, D_2O)

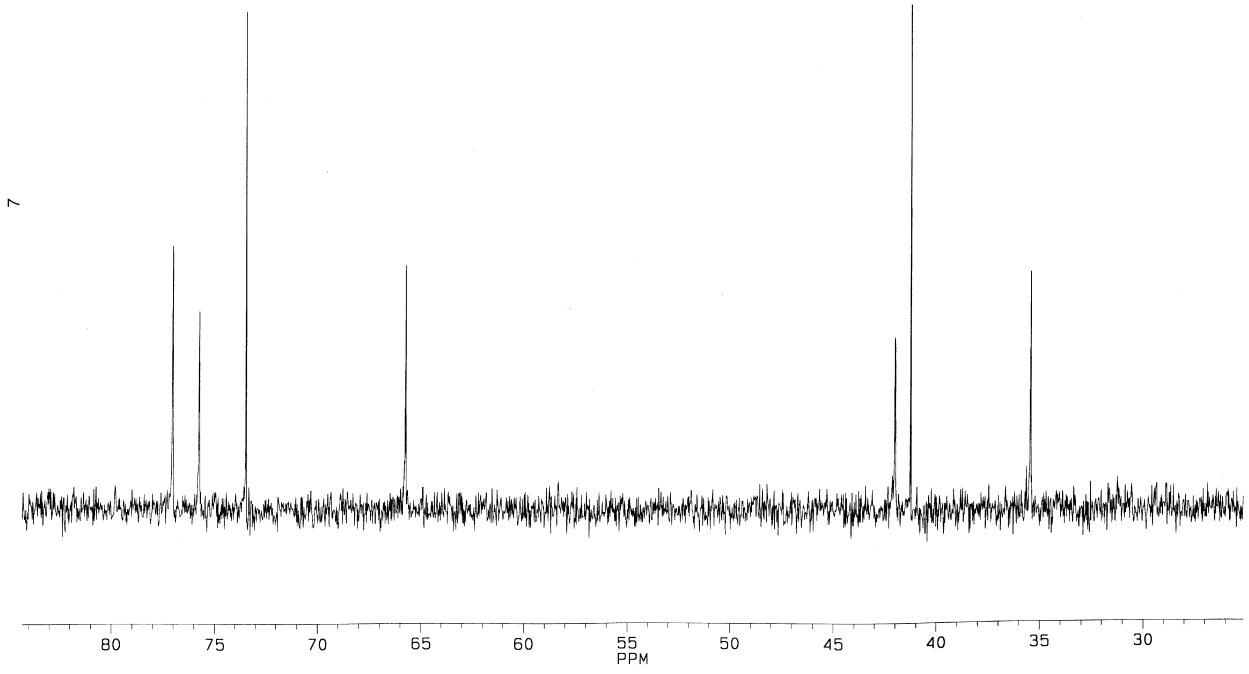
3: (5a-carba-β-D-gulopyranosyl)thiol

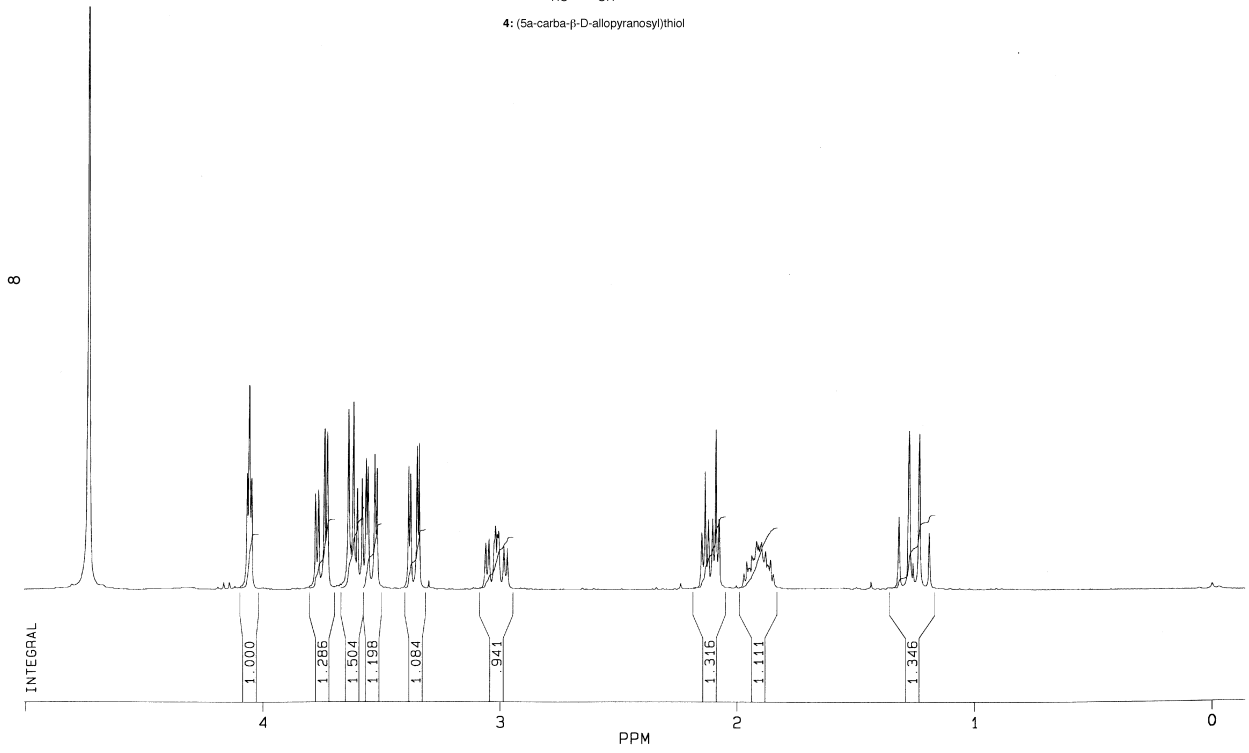
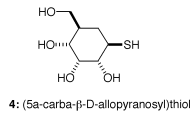


Compound 3: ¹³C NMR (75 MHz, D₂O)

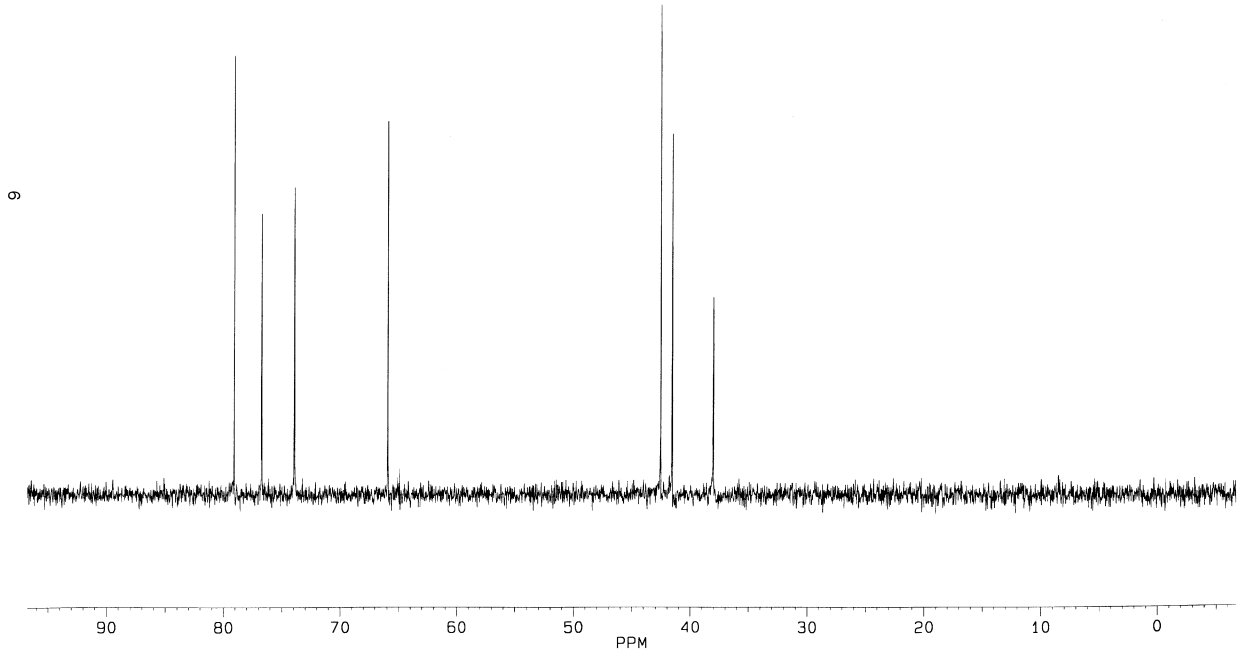
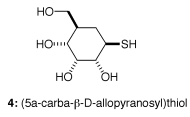


3: (5a-carba-β-D-gulopyranosyl)thiol

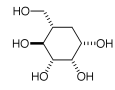


Compound 4: ¹H NMR (300 MHz, D₂O)

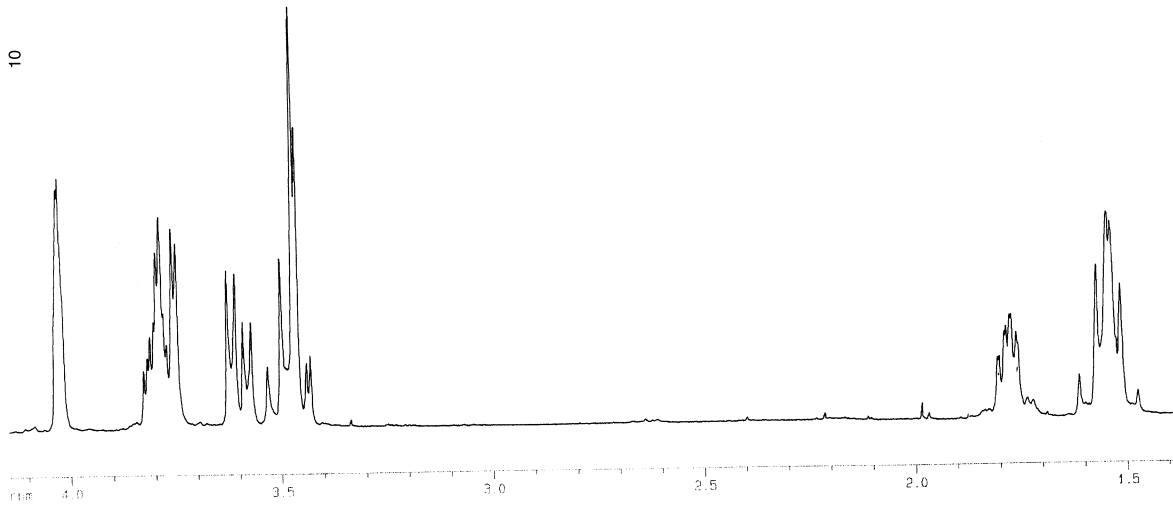
Compound 4: 13 C NMR (75 MHz, D2O)



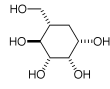
Compound 5: ^1H NMR (300 MHz, D_2O)



5: 5a-carba- β -L-mannopyranose



Compound 5: ¹³C NMR (75 MHz, D₂O)



5: 5a-carba-β-L-mannopyranose

