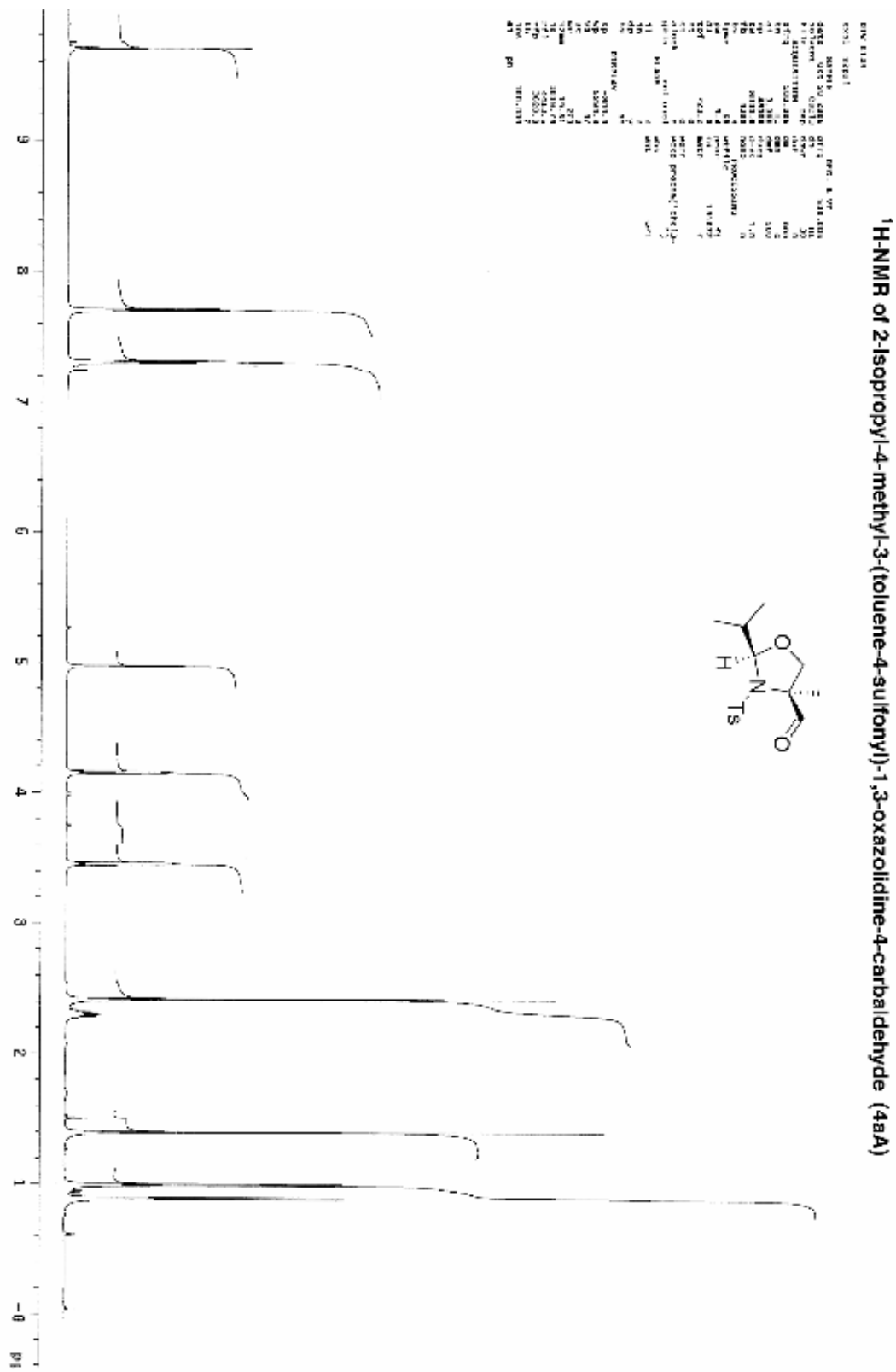


Asymmetric synthesis of 4*H*-1,3-dioxins and investigations in the metal catalyzed aziridination: aziridination versus insertion and stereoselective course

Susanne Flock and Herbert Frauenrath*



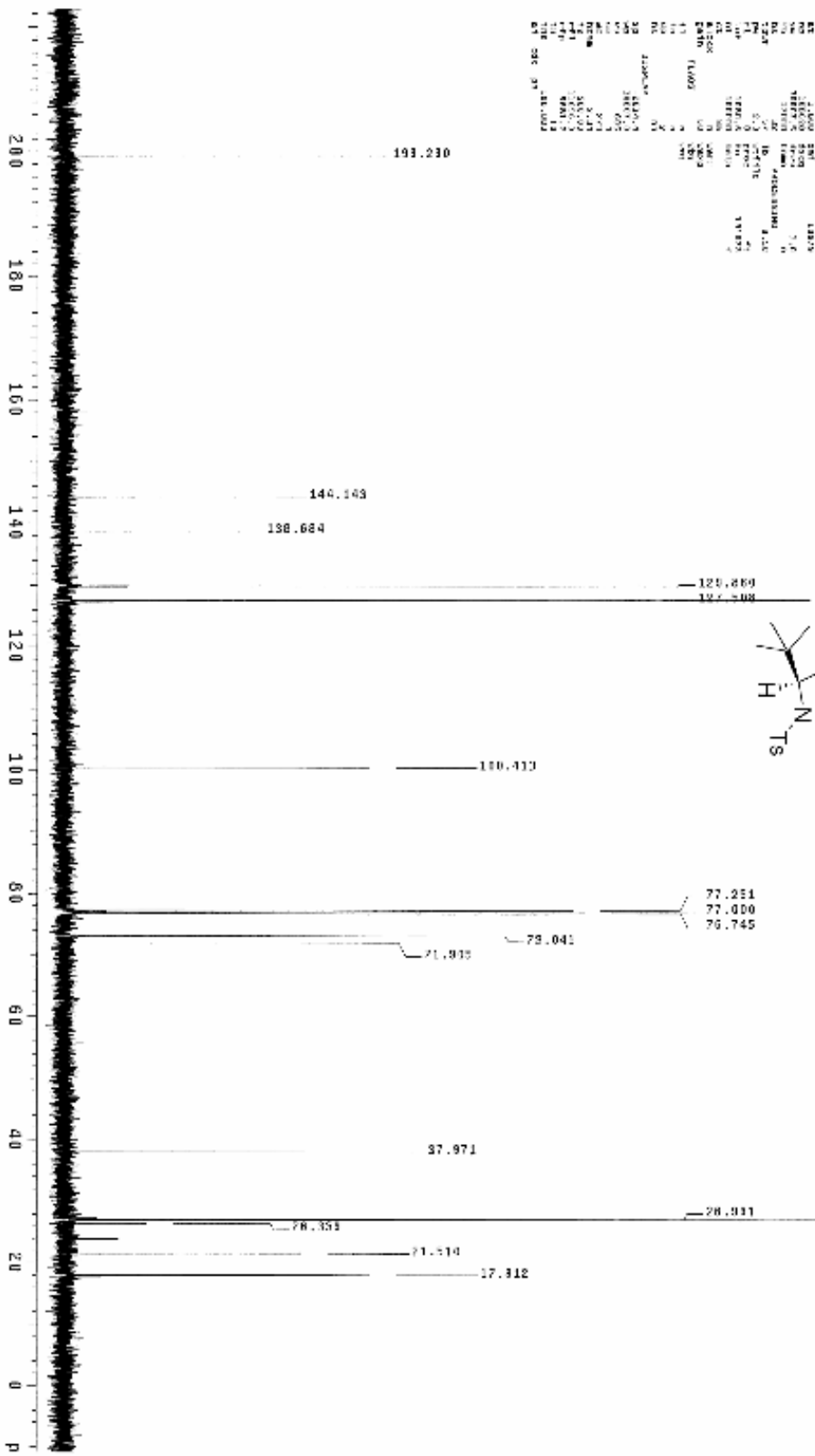
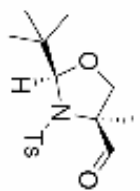
¹³C-NMR of 2-tert-Butyl-4-methyl-3-(toluene-4-sulfonyl)-1,3-oxazolidine-4-carbaldehyde (4ba)

097 2594

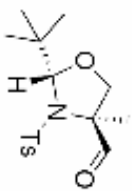
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KC  0
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YC  0
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GD  0.00000000
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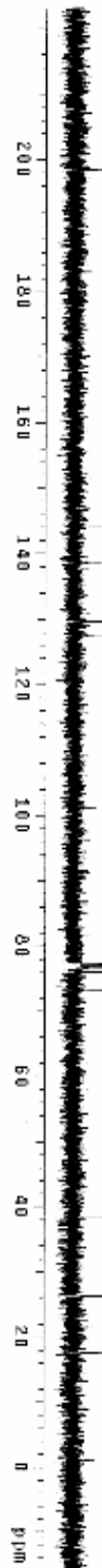
¹³C-NMR of 2-tert-Butyl-4-methyl-3-(toluene-4-sulfonyl)-1,3-oxazolidine-4-carbaldehyde [(*-*)-4bB]



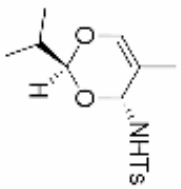
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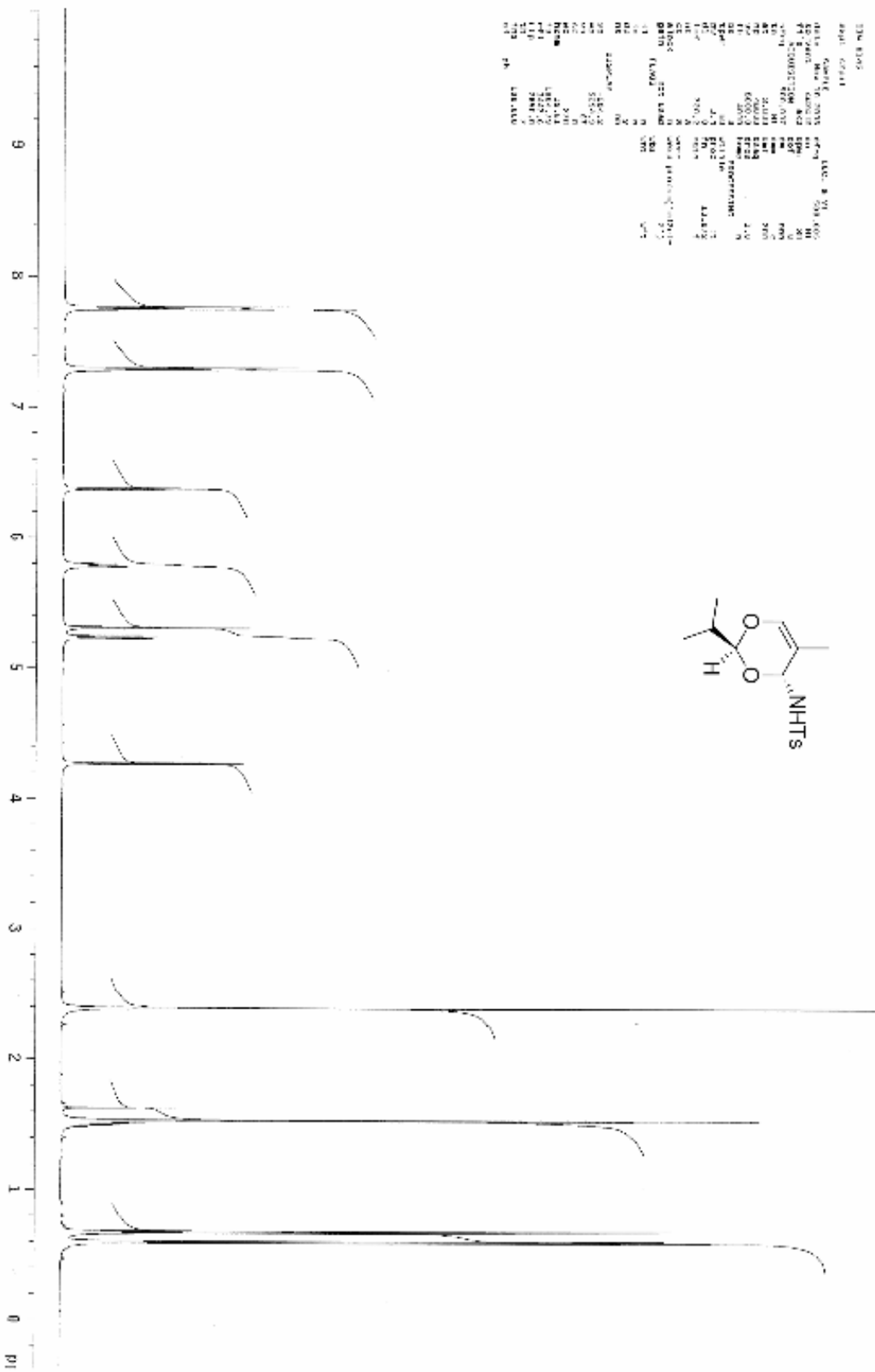
¹H-NMR of N-(2-isopropyl-5-methyl-4H-1,3-dioxin-4-yl)-4-methyl-benzenesulfonamide (5a)



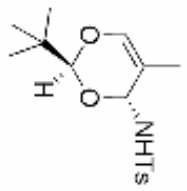
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GB: 0
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SCB: 0.00000000
SCX: 0.00000000
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SCZ: 0.00000000
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SSB2: 0
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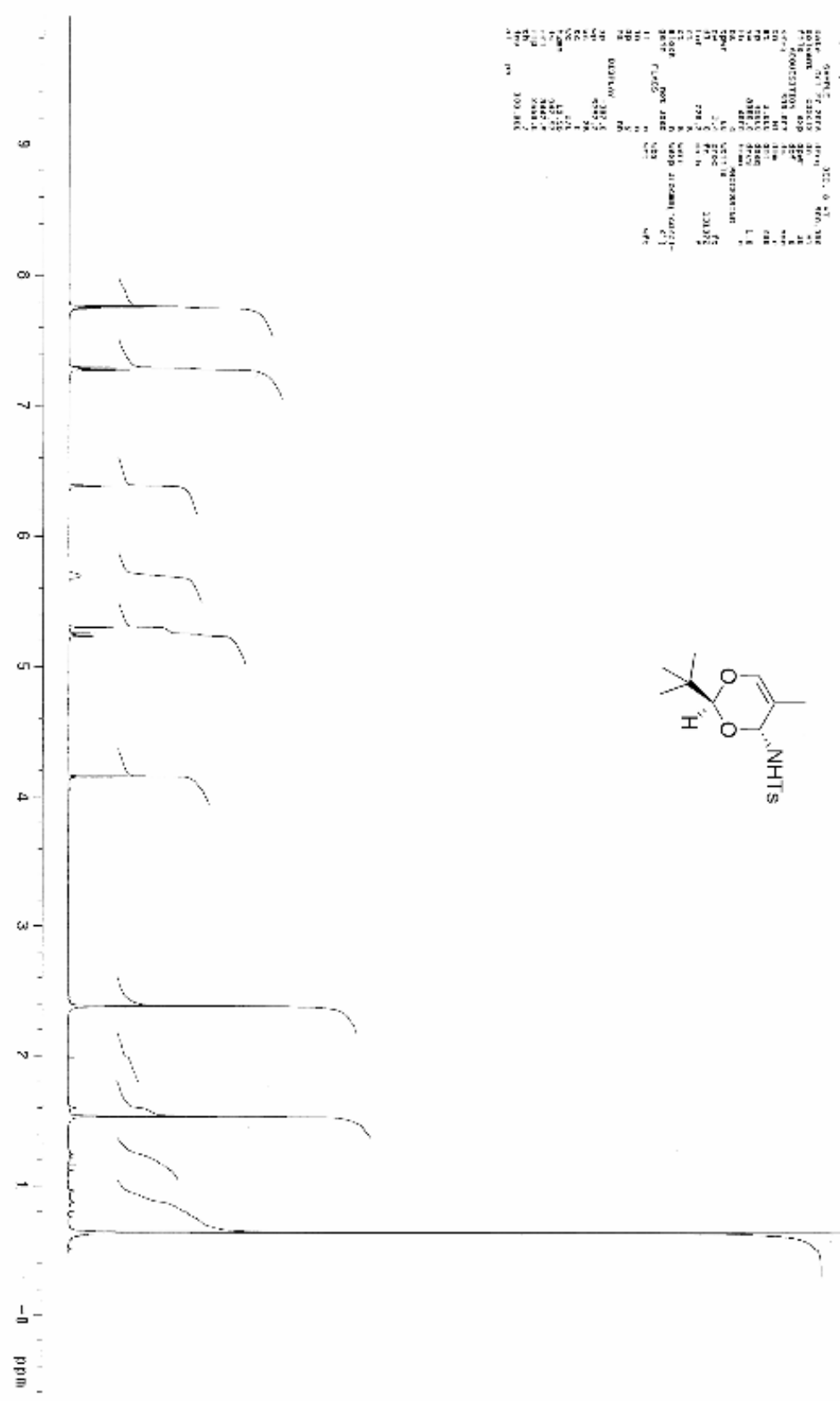
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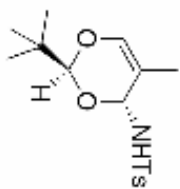
¹H-NMR of N-(2-ferf-Butyl-5-methyl-4H-1,3-dioxin-4-yl)-4-methyl-benzenesulfonamide (5b)



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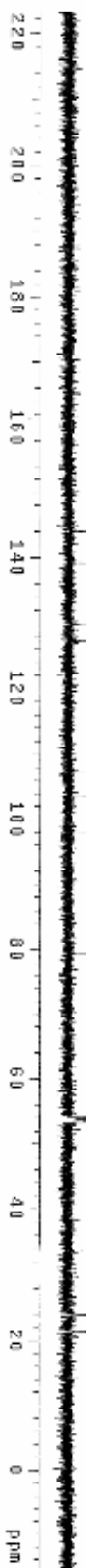
¹³C-NMR of N-(2-tert-Butyl-5-methyl-4-H-1,3-dioxin-4-yl)-4-methylbenzenesulfonamide (5b)



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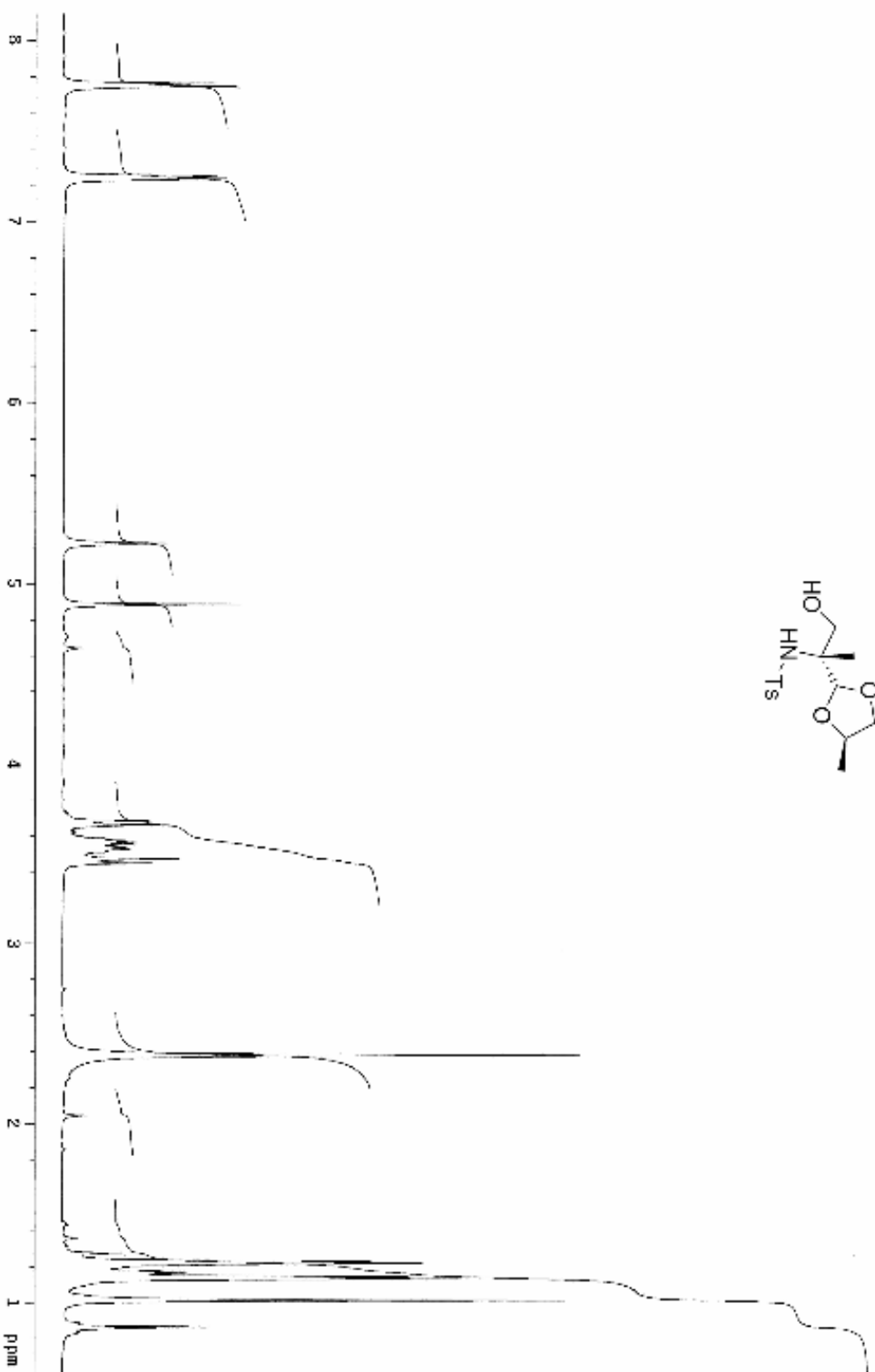
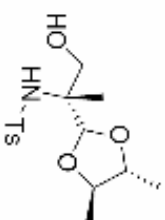
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MD: 0
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PRG: zgpg30
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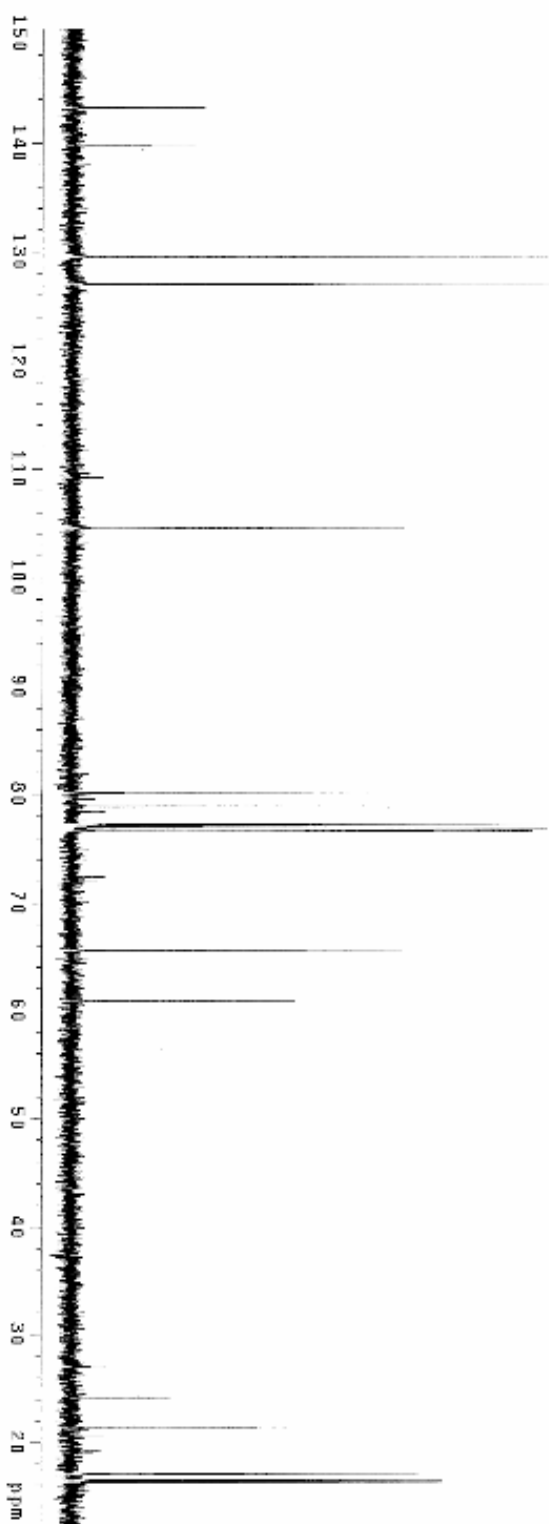
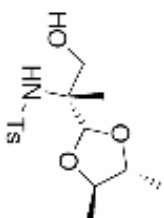


SCP 178 UMMA5_K118PA11
Pulse Sequence: zgpg30

¹H-NMR of (R)-[(4R,5R)-4,5-dimethyl-1,3-dioxolan-2-yl]-2-(tosylamino)propan-1-ol (2R,4'R,5'R)-6

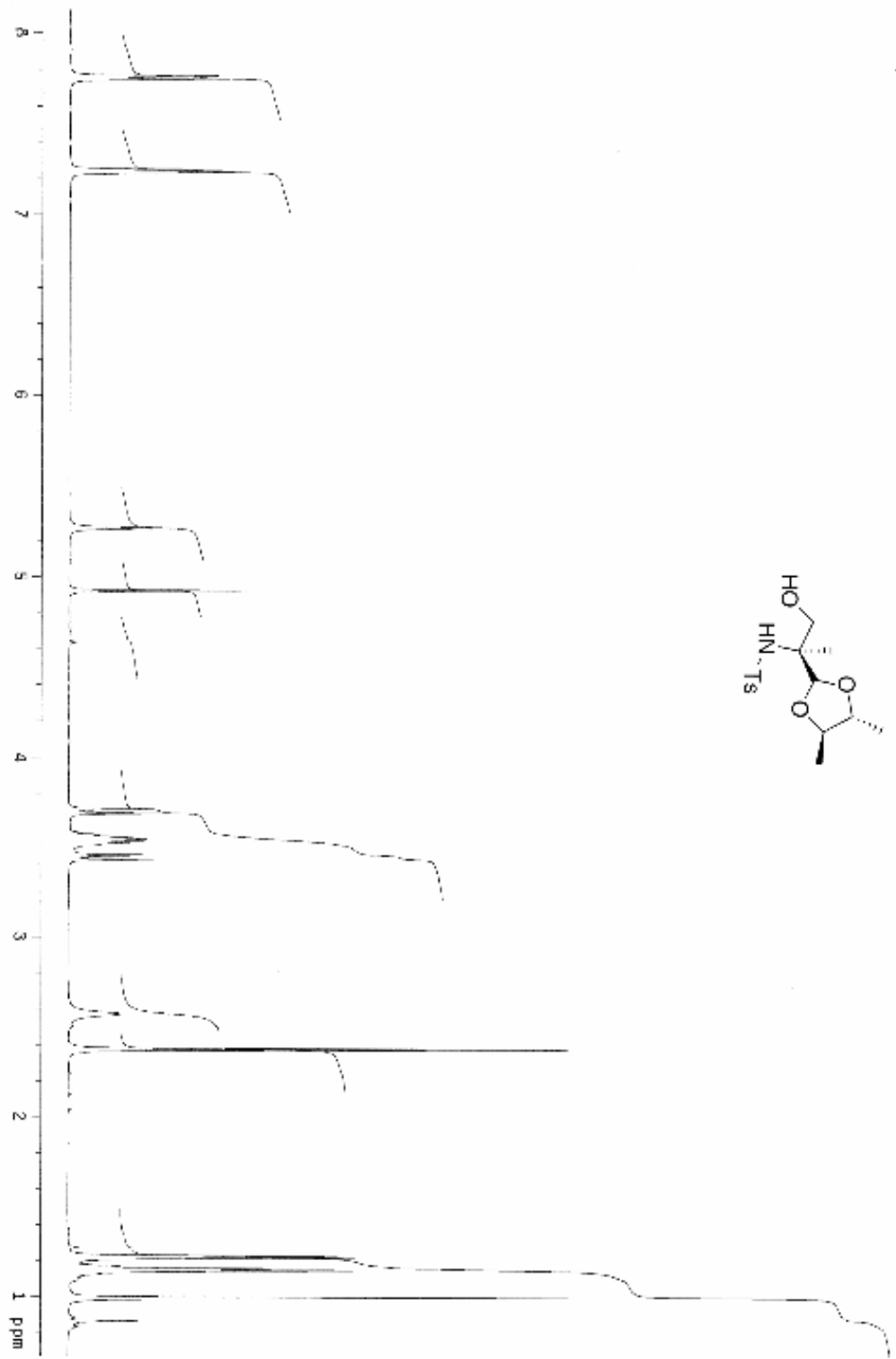
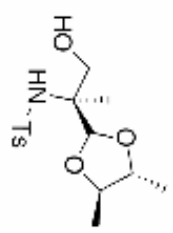


¹³C-NMR of (R)-[(4R,5R)-4,5-dimethyl-1,3-dioxolan-2-yl]-2-(tosylamino)propan-1-ol (2R,4'R,5'R)-6



SCP 716 mt, Kristofl
Pulse Sequence: sznu1

¹H-NMR of (S)-[(4R,5R)-4,5-dimethyl-1,3-dioxolan-2-yl]-2-(tosylamino)propan-1-ol (2S,4'R,5'R)-6



30F 744 net: Kristall
Pulse Sequence: zgpg30

¹³C-NMR of (S)-[(4*R*,5*R*)-4,5-dimethyl-1,3-dioxolan-2-yl]-2-(tosylamino)propan-1-ol (2*S*,4'*R*,5'*R*)-6

