(1) Supporting information, NOEs of (**2**)

NOEs of (**2**). Data from ^{1}H-^{1}H-ROESY. Sample amount ca 10mg to 0.6ml MEOD. NOEs from 21-CH2 are taken from ^{1}H-^{1}H-ROESY of ganefromycin α. NOE intensities are denoted as S (strong), M (medium), or W (weak). Distances are obtained from molecular mechanics calculation and are shown in Ångstrom (Å). ? after a distance indicates unknown conformation. When evaluating the NOE's obtained from the ^{1}H-^{1}H-ROESY data, no correction was made for the spin-locking offset. Mostly the data were treated qualitatively, and when NOE intensities were compared, they were close in chemical shift so only very small difference in intensities were expected.

H2				
H2	- H4	= S	2.5 Å	
H3				
H3	- H5	= S	2.4	
H4				
H2	- H4	= S	2.5	
H4	- H6	= X	2.4	
H5				
H3	- H5	= S	2.4	
H5	- H7	= S	2.4	
H6				
H4	- H6	= X	2.4	
H6	- H8	= S	3.5?	
H6	- H9	= M	4.8?	
H6	- H11	= VW	3.5?	
H7				
H5	- H7	= S	2.4	
H7	- H8	= M	2.6?	
H7	- H9	= W	3.0?	
H8				
H6	- H8	= S	3.5?	
H7	- H8	= M	2.6?	
H8	- H9	= X	2.4	
H8	- CH_3^{12}	= M	3.4	
H8	- H11	= VW	3.7	
H8	- H10a	= S	2.7	
H8	- H10e	= M,W	3.8	
H9				
H6	- H9	= M	4.8?	
H7	- H9	= W	3.0?	
H8	- H9	= X	2.4	
H9	- CH_3^{12}	= W	4.5	
H9	- H10a	= S	2.4	
H9	- H10e	= S,W	2.7	
H10a				
H8	- H10a	= S	2.7	
H9	- H10a	= S	2.4	
H10a	- CH_3^{12}	= S	2.2	
H10a	- H12	= M	3.0	
H10a	- H11	= M?	3.1	
H10e				
H8	- H10e	= M,W	3.8	
H9	- H10a	= S,W	2.7	
H10e	- CH_3^{12}	= M	3.4	
H10e	- H12	= M	2.8	
H10e	- H11	= S?	2.4	
H11				
H6	- H11	= VW	3.5?	
H8	- H11	= VW	3.7	
H10a	- H11	= M?	3.1	
H10e	- H11	= S?	2.4	
H11	- H12	= S	2.5	
H11	- H13	= M	2.8	
H12				
H10a	- H12	= M	3.0	
H10e	- H12	= M	2.8	
H11	- H12	= S	2.5	
H12	- CH_3^{12}	= S	2.5	
H12	- H13	= M	3.0	
H13				
H11	- H13	= M	2.8	
H12	- H13	= M	3.0	
H13	- CH_3^{12}	= M	2.5	
H13	- H15	= S	2.2	

(1) Supporting information, NOEs of (**2**)

H13 - CH_3^{13} = S 3.6 Å

CH_3^{12}

H8 - CH_3^{12} = M 3.4

H9 - CH_3^{12} = W 4.5

H10a - CH_3^{12} = S 2.2

H10e - CH_3^{12} = M 3.4

H12 - CH_3^{12} = S 2.5

H13 - CH_3^{12} = M 2.5

CH_3^{13}

H13 - CH_3^{13} = S 3.6

CH_3^{13} - CH_3^{14} = M,W

CH_3^{14}

CH_3^{13} - CH_3^{14} = M,W

H16 - CH_3^{14} = S 2.4

H15

H13 - H15 = S 2.2

H15 - H17 = S 2.4

H16

H16 - H18 = W 3.5

H16 - CH_3^{14} = S 2.4

H17

H15 - H17 = S 2.4

H17 - H18 = M 2.5

H18

H16 - H18 = W 3.5

H17 - H18 = M 2.5

H21

H21 - CH_2^{21a}= S 2.7?

H21 - CH_2^{21b}= M 3.0?

H21 - H23 = M 3.4

H21 - CH_3^{25ax}= W 3.8

CH_2^{21a}

H21 - CH_2^{21a}= S 2.7?

CH_2^{21a} - H23 = S 2.6?

CH_2^{21b}

H21 - CH_2^{21b}= W 3.0?

H23

H21 - H23 = W 3.4

CH_2^{21a} - H23 = S 2.6?

H23 - H24 = S 2.4

H24

H23 - H24 = S 2.4

H24 - CH_3^{25eq}= S 2.7

H24 - H26 = S 2.5

CH_3^{25eq}

CH_3^{25eq}- H24 = S 2.7

H26 - CH_3^{25eq}= S 2.7

H27 - CH_3^{25eq}= S 3.7?

CH_3^{25ax}

CH_3^{25ax}- H21 = W 3.8

CH_3^{25ax}- H26 = W 3.5

CH_3^{25ax}- H27 = S 2.9

H26

H24 - H26 = S 2.5

H26 - CH_3^{25e}= M 3.5

H26 - H27 = S 3.0?

H26 - H28 = M 2.4?

H27

H26 - H27 = S 3.0?

H27 - H28 = W 3.0

H27 - H29 = S 2.4

H28

H26 - H28 = M 2.4

H27 - H28 = W 3.0

H28 - H29 = W 3.1

H28 - CH_3^{30} = S 2.8

H29

H27 - H29 = S 2.4

H28 - H29 = W 3.1

H29 - H30 = M 2.3

H30

H29 - H30 = M 2.3

H30 - CH_3^{30} = M 2.7

CH_3^{30}

H28 - CH_3^{30} = S 2.8

H30 - CH_3^{30} = M 2.7