Supporting Information 2/3

Stereoselective Synthesis and Absolute Configuration of the C1'–C25' Fragment of Symbiodinolide

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E:\NMRdata_2008_08_05\TM080811_NON_CDCL3_400_FID.als
 TM080811_NON_CDCL3_400_FID

DFILE E:\NMRdata_2008_08_05\TM080811_NON_CDCL3_400_FID.als
 COMNT TM080811_NON_CDCL3_400_FID.als
 DATIM Tue May 20 22:02
 OBNUC 1H
 EXMOD SINGL
 OBSFRQ 399.65 MHz
 OBSSET 0.00 KHz
 OBRIN 134500.0 Hz
 POINT 32768
 FREQU 7993.6 Hz
 SCANS 16
 ACQTM 4.099 sec
 PD 2.000 sec
 PW1 6.9 us
 IRNUC 1H
 CTEMP 25.3 c
 SLVNT CDCL3
 EXREF 7.26 ppm
 BF 0.12 Hz
 RGAIN 22

C:\WINNMR98\DATA\Tamura\NMRdata from Murata_2008_08_05\TM080811_13C_CDCL3_400_FID.als
 TM080811_13C_CDCL3_400_FID

DFILE C:\WINNMR98\DAT
 COMNT TM080811_13C CD
 DATIM Tue May 20 22:1
 OENUC 13C
 EXMOD SINGL
 OBFRO 100.40 MHz
 OBSET 0.00 KHz
 OBFIN 135500.0 Hz
 POINT 32768
 FREQU 27100.3 Hz
 SCANS 256
 ACQTM 1.209 sec
 PD 2.000 sec
 PW1 5.0 us
 IRNUC 1H
 CTEMP 26.0 C
 SLVNT CDCL3
 EXREF 77.00 ppm
 BF 0.12 Hz
 RGAIN 30

C:\WINNR98\DATA\TAKAMURA\NMRdata_2008_08_05\TM08LACTONE_CD3OD_400_FID.als
 TM08LACTONE_CD3OD_400_FID

DFILE C:\WINNR98\DATA
 COMPT TM08LACTONE_CD3C
 DATIM Sat Aug 02 22:50
 OBNUC 1H
 EXMOD SINGL
 OBFRQ 399.65 MHz
 OBSET 0.00 KHz
 OBFIN 134500.0 Hz
 POINT 32768
 FREQU 7993.6 Hz
 SCANS 8
 ACQTM 4.099 sec
 PD 1.000 sec
 PW1 6.9 us
 IRNUC 1H
 CTEMP 25.3 C
 SLVNT CD3OD
 EXREF 3.31 ppm
 BF 0.12 Hz
 RGAIN 21

C:\WINNR98\DATA\Takanura\NMRdata_2008_08_05\TM08LACTONE_13C_CD3OD_400_FID.als
 TM08LACTONE_13C_CD3OD_400_FID

DFILE C:\WINNR98\DATA
 COMNT TM08LACTONE_13C
 DATIM Sat Aug 02 23:06
 OBNUC 13C
 EXMOD SINGL
 OBFRQ 100.40 MHz
 OBSET 0.00 KHz
 OBFIN 135500.0 Hz
 POINT 32768
 FREQU 27100.3 Hz
 SCANS 256
 ACQTM 1.209 sec
 PD 2.000 sec
 PW1 5.0 us
 IIRNUC 1H
 CTEMP 26.1 C
 SLVNT CD3OD
 EXREF 49.00 ppm
 BF 0.12 Hz
 RGAIN 30

C:\WINNMR98\DATA\Takamura\NMRdata_2008_08_05\TM080901-2_1H_CDCL3_400_FID.als
 TM080901-2_1H_CDCL3_400_FID

DFILE C:\WINNMR98\DATA
 COMNT TM080901-2_1H_CD
 DATIM Mon Aug 04_23:26
 OBNUC 1H
 EXMOD SINGL
 OBFRQ 398.65 MHz
 OBSET 0.00 KHz
 OFIN 134500.0 Hz
 POINT 32768
 FREQU 7993.6 Hz
 SCANS 16
 ACQTM 4.099 sec
 PD 1.000 sec
 PW1 6.9 us
 IRNUC 1H
 CTEMP 25.3 c
 SIVNT CDCL3
 EXREF 7.26 ppm
 BF 0.12 Hz
 RGAIN 18

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C:\WINNR98\DATA
DFILE
COMMIT TMO80901.13c CDC
DATIN Med May 28 17:55
OENUC 13C
EXMOD SINGL
OENRQ 100.40 MHz
OENSET 0.00 KHz
OENBIN 135500.0 Hz
POINT 32768
FREQQ 27100.3 Hz
SCANS 256
ACQTM 1.209 sec
PPD 2.000 sec
PW1 5.0 us
IRNUC 1H
CTEMP -118.9 c
SLVNT CDCL3
EXREF 77.00 ppm
BF 0.12 Hz
RGAIN 30

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C:\WINNR98\DATA\Takamura\HMRdata_2008_08_05\TM080423_NON_CDCL3_600_FID.als

TM080423_NON_CDCL3_600_FID

DFILE C:\WINNR98\DATA
 CONNT TM080423_NON CDC
 DATIM Fri Apr 04 19:17
 OBNUC 1H
 EXMOD SINGL
 OBFRQ 600.05 MHz
 OBSET 0.00 KHz
 OBFIN 125300.0 Hz
 POINT 32768
 FREQU 12004.8 Hz
 SCANS 16
 ACQTM 2.730 sec
 PD 1.000 sec
 PW1 6.5 us
 IRNUC 1H
 CTEMP 25.2 c
 SLANT CDCL3
 EXREF 7.26 ppm
 BF 0.12 Hz
 RGAIN 15

C:\WINMM98\DATA
TM080423_13C.CE
Fri Apr 04 19:12
13C
SINGL
150.80 MHz
0.00 KHz
128623.0 Hz
POINT 32768
40650.4 Hz
64
0.806 sec
2.000 sec
5.0 us
1H
IRNUC
STUNE
CDCL3
25.7 C
77.00 ppm
0.12 Hz
BF
RGAIN
33

C:\WINNMR98\DATA\takamura\NMRdata_2008_08_05\TM080501_NON_CDCL3_400_FID.als
 TM080501_NON_CDCL3_400_FID

DFILE C:\WINNMR98\DATA
 COMMT TM080501_NON_CDC
 DATIM Fri Apr 11 22:22
 OBNUC 1H
 EXMOD SINGL
 OBFRQ 399.65 MHz
 OBSET 0.00 KHz
 OBEIN 134500.0 Hz
 POINT 32768
 FREQU 7993.6 Hz
 SCANS 16
 ACQTM 4.099 sec
 PD 2.000 sec
 FW1 6.9 us
 IRNUC 1H
 CTEMP -204.8 c
 SLVNT CDCL3
 EXREF 7.26 ppm
 BF 0.12 Hz
 RGAIN 15

C:\WINNMR98\DATA\Tamura\NMRdata_2008_08_05\TM080501_13C_CDCL3_400_FID.als
 TM080501_13C_CDCL3_400_FID

DFILE C:\WINNMR98\DATA
 CONNT TM080501_13C_CDCL3
 DATIM Fri Apr 11 22:31
 OBNUC 13C
 EXMOD SINGL
 OBFRQ 100.40 MHz
 OBSET 0.00 KHz
 OBFIN 135500.0 Hz
 POINT 32768
 FREQU 27100.3 Hz
 SCANS 128
 ACQTM 1.209 sec
 PD 2.000 sec
 PW1 5.0 us
 1H
 IRNUC -204.8 C
 CTEMP CDCL3
 SLVNT 77.00 ppm
 EXREF 0.12 Hz
 BF 30
 RGAIN

C:\WINNR98\DATA\Takamura\NNRdata from Murata_2009_C2_12\TM081921_13_CDCL3_400_FID.als
 TM081921_13_CDCL3_400_FID

DEFILE C:\WINNR98\DAI
 COMNT TM081921_13_CDC
 DATIM Tue Jan 20 11:3
 OBNUC 13C
 EXMOD SINGL
 OBFRQ 100.40 MHz
 OBSET 0.00 KHz
 OBFIN 135500.0 Hz
 POINT 32768
 FREQU 27100.3 Hz
 SCANS 512
 ACQTM 1.209 sec
 PD 2.000 sec
 PW1 5.0 us
 IRNUC 1H
 CTEMP -204.8 c
 SLVNT CDCL3
 EXREF 77.00 ppr
 BF 0.12 Hz
 RGAIN 30

C:\WINNMR98\DATA\Takamura\NMRdata_2008_08_05\TM080871_1H_CDCL3_400_FID.ALS
 TM080871 1H CDCL3 400 FID

DFILE C:\WINNMR98\DATA
 CONNT TM080871_1H CDCL
 DATIM Mon Jun 16 15:14
 OBNUC 1H
 EXMOD SINGL
 OBFOQ 399.65 MHz
 OBSET 0.00 KHz
 OBFIN 134500.0 Hz
 POINT 32768
 FREOU 7993.6 Hz
 SCANS 16
 ACQTM 4.099 sec
 PD 2.000 sec
 PW1 6.9 us
 IRNUC 1H
 CTEMP 25.6 c
 SLVNT CDCL3
 EXREF 7.26 ppm
 BF 0.12 Hz
 RGAIN 22

C:\WINNMR98\DATA\Takanura\NMRdata from Murata_2009_02_12\TM080981-3_1H_CDCL3_400_FID.als

DFILE C:\WINNMR98\DAI
 COMMT
 DATIM Mon Jul 07 21:3
 OBNUC 1H
 EXMOD SINGL
 OBERQ 399.65 MHz
 OBSET 0.00 KHz
 OBFIN 134500.0 Hz
 POINT 32768
 FREQU 7993.6 Hz
 SCANS 16
 ACQTM 4.099 sec
 PD 1.000 sec
 PW1 6.9 us
 1H
 IRNUC 25.9 c
 CTEMP
 SLVNT CDCL3
 EXREF 7.26 ppm
 BF 0.12 Hz
 RGAIN 21

C:\WINNMR98\DATA\Takamura\NMRdata_2008_08_05\TM080981_13C_CDCL3_400_FID.als
 TM080981_13C_CDCL3_400_FID

DFILE C:\WINNMR98\DATA
 COMNT TM080981_13C CDC
 DATIM Mon Jun 16 22:58
 OBNUC 13C
 EXMOD SINGL
 OBPRQ 100.40 MHz
 OBSEI 0.00 KHz
 OBFIN 135500.0 Hz
 POINT 32768
 FREQU 27100.3 Hz
 SCANS 258
 ACQTM 1.209 sec
 PD 2.000 sec
 PWI 5.0 us
 IIRUC 1H
 CTEMP 26.0 c
 SLVNT CDCL3
 EXREF 77.00 ppm
 BF 0.12 Hz
 RGAIN 30

C:\WINNMR98\DATA\Takamura\NMRdata_2008_08_05\TM081061_1H_CDCL3_400_FID.als
 TM081061_1H_CDCL3_400_FID

DFILE C:\WINNMR98\DATA
 COMNT TM081061_1H_CDCL
 DATIM Tue Jul 08 17:18
 OBNUC 1H
 EXMOD SINGL
 OBFRQ 399.65 MHz
 OBSEI 0.00 KHz
 OBFIN 134500.0 Hz
 POINT 32768
 FREQU 7993.6 Hz
 SCANS 16
 ACQTM 4.099 sec
 PD 1.000 sec
 PW1 6.9 us
 IRNUC 1H
 CTEMP 25.9 c
 SLVNT CDCL3
 EXREF 7.26 ppm
 BF 0.12 Hz
 RGAIN 18

C:\WINNMR98\DATA\Takanura\NMRdata_2008_08_05\TM081061_13C_CDCL3_400_FID.als
 TM081061_1H_CDCL3_400_FID

DEFILE C:\WINNMR98\DATA
 CONNT TM081061_1H_CDCL
 DATIM Tue Jul 08 17:48
 OBNUC 13C
 EXMOD SINGL
 OBFRQ 100.40 MHz
 OBSET 0.00 KHz
 OBFIN 135500.0 Hz
 POINT 32768
 FREQU 27100.3 Hz
 SCANS 512
 ACQTM 1.209 sec
 PD 2.000 sec
 PW1 5.0 us
 IRNUC 1H
 CTMP 26.5 c
 SLVNT CDCL3
 EXREF 77.00 ppm
 BF 0.12 Hz
 RGAIN 30