Supporting Information

(Part II)

Synthesis and Properties of Oligonucleotides Containing C8- Deoxyguanosine Arylamine-Adducts of borderline Carcinogens

Nicolas Böge, Sonja Gräsl and Chris Meier

LC-MS spectra of oligonucleotide 20a	S2
LC-MS spectra of oligonucleotide 20b	S3
LC-MS spectra of oligonucleotide 20c	S4
LC-MS spectra of oligonucleotide 20d	S5
MALDI-TOF of oligonucleotide 21	S6
MALDI-TOF of oligonucleotide 22a	S6
MALDI-TOF of oligonucleotide 22b	S7
HPLC trace of the enzyme digest of oligonucleotide 21	S8
HPLC trace of the enzyme digest of oligonucleotide 22a	S8
HPLC trace of the enzyme digest of oligonucleotide 22b	S9
CD spectra of oligonucleotides 19 and 20a-d	S10
CD spectra of oligonucleotide 21	S11
CD spectra of oligonucleotide 22a	S11
CD spectra of oligonucleotide 22b	S12

LC-MS spectra of oligonucleotide **20a**

LC-MS spectra of oligonucleotide **20b**

LC-MS spectra of oligonucleotide **20c**

LC-MS spectra of oligonucleotide **20d**

MALDI-TOF of oligonucleotide **21**

m/z	Fragment
1183.1	TATA
1447.6	TATAT
1486.2	TATAT + K
1766.2	TATATC
1833.3	GATATA + Na

MALDI-TOF of oligonucleotide **22a**

m/z	Fragment
1485.7	ATATA
1565.7	ATATA + 2K
1765.6	TATATC
1845.6	TATATC + 2K

MALDI-TOF of oligonucleotide **22b**

HPLC trace of the enzyme digest of oligonucleotide **21**

HPLC trace of the enzyme digest of oligonucleotide **22a**

HPLC trace of the enzyme digest of oligonucleotide **22b**

Marked peaks are impurities resulting from the enzymatic solutions and not from a possible deamination yielding dI.

CD spectra of oligonucleotides **19** and **20a-d**

CD spectra of oligonucleotide **21**

CD spectra of oligonucleotide **22a**

CD spectra of oligonucleotide **22b**