

SUPPLEMENTARY MATERIAL

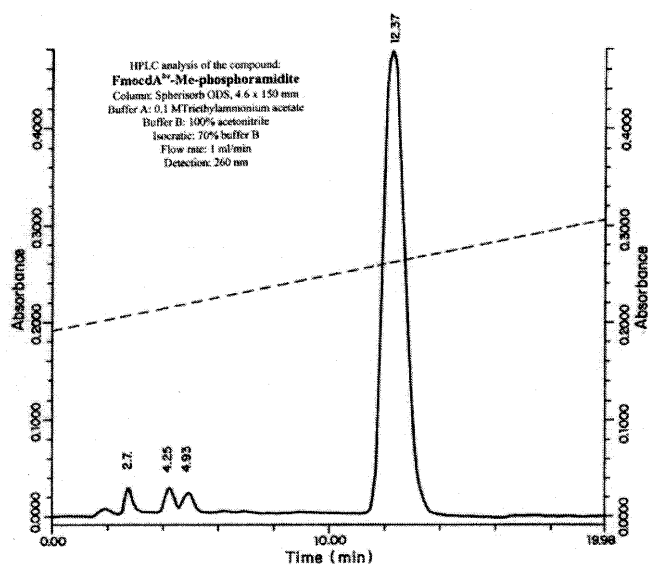


Figure S1.

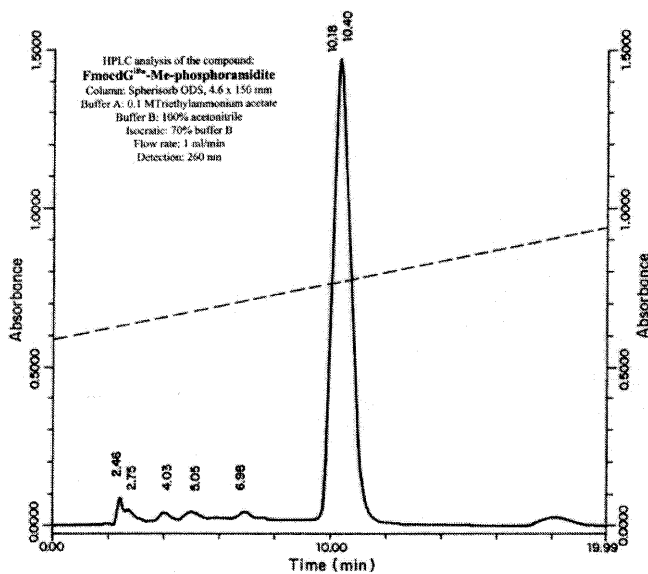


Figure S2.

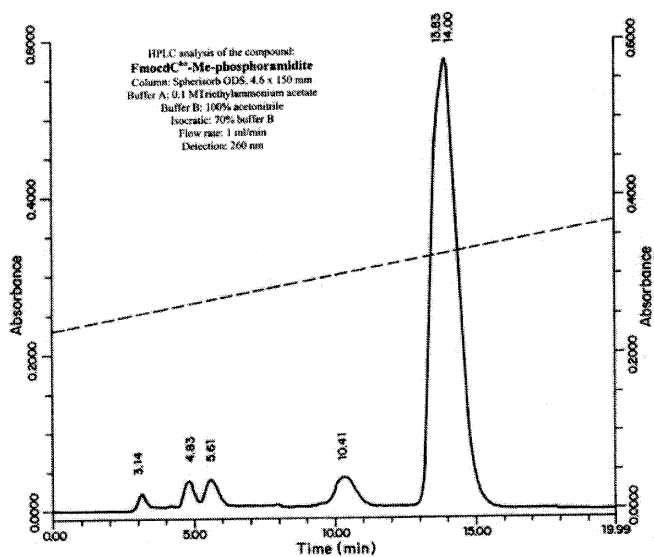


Figure S3.

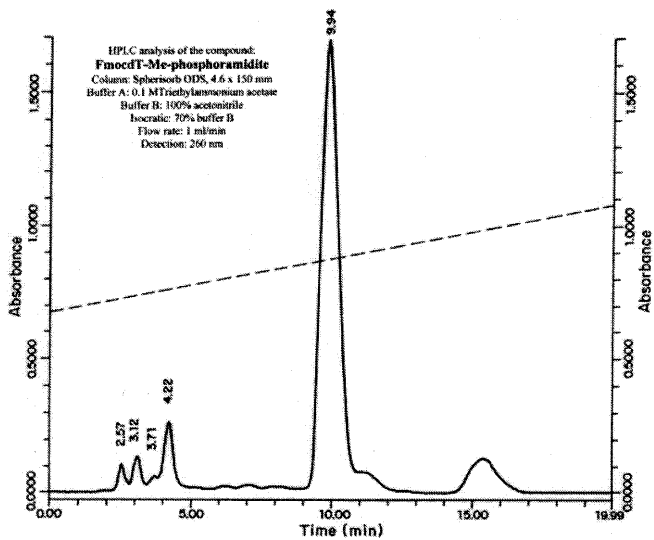


Figure S4.

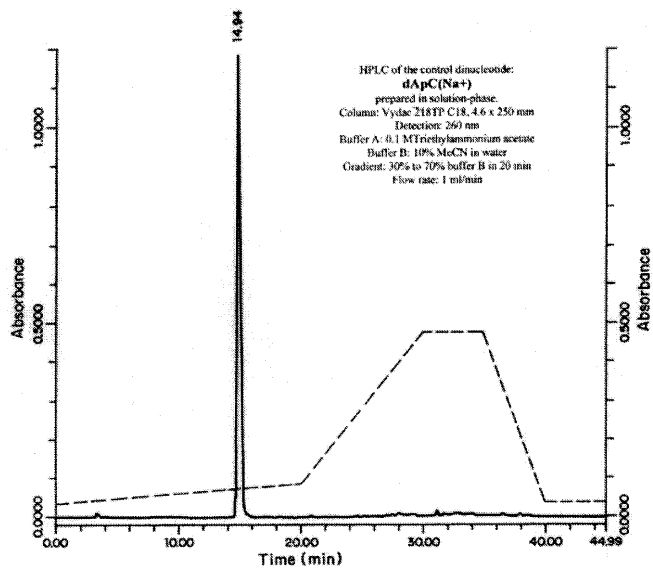


Figure S5.

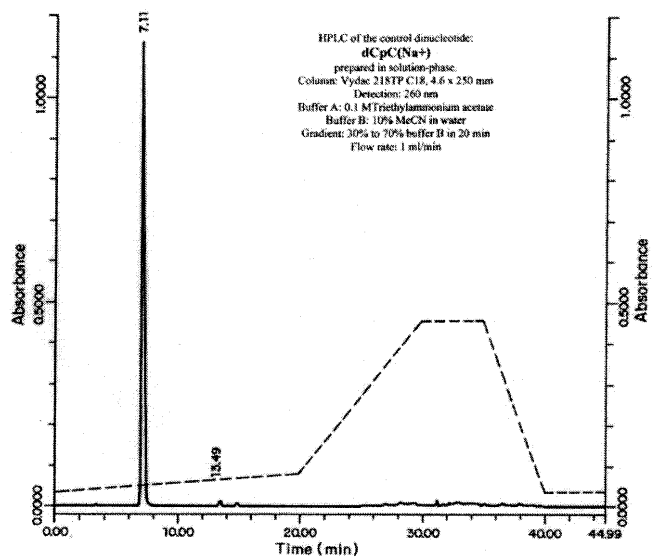


Figure S6.

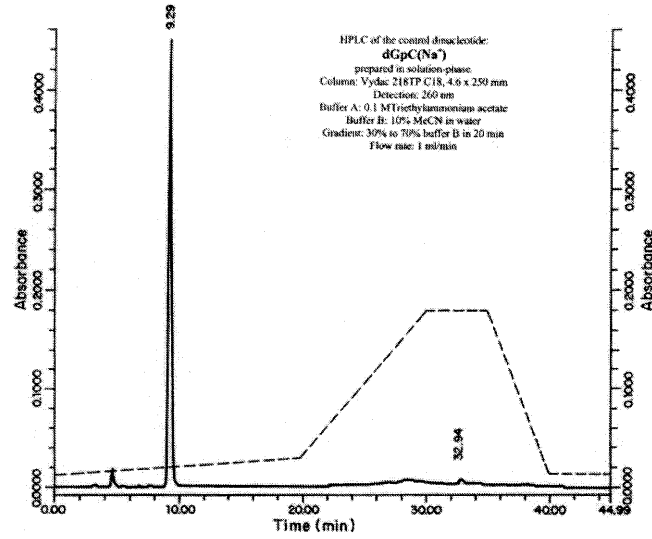


Figure S7.

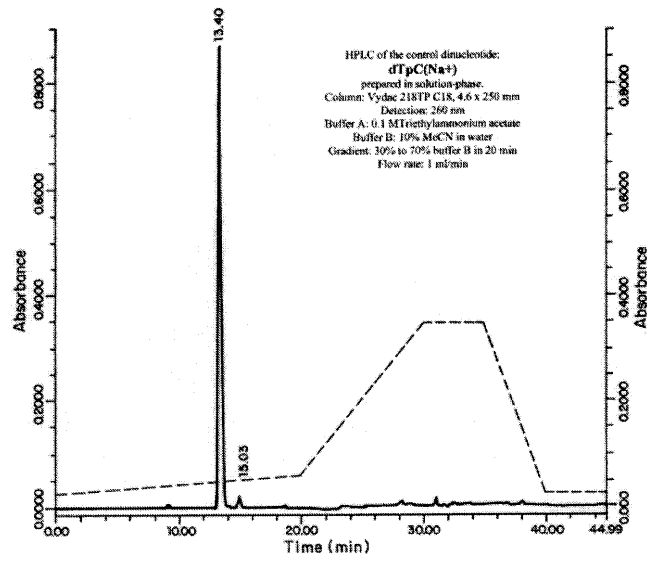


Figure S8.

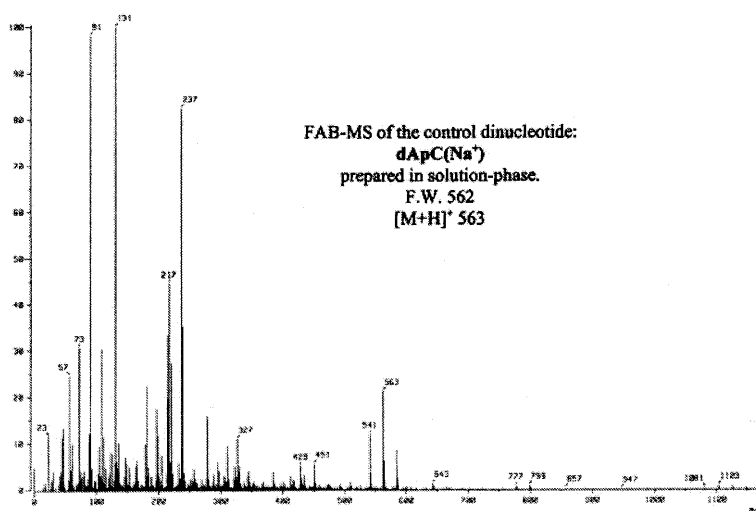


Figure S9.

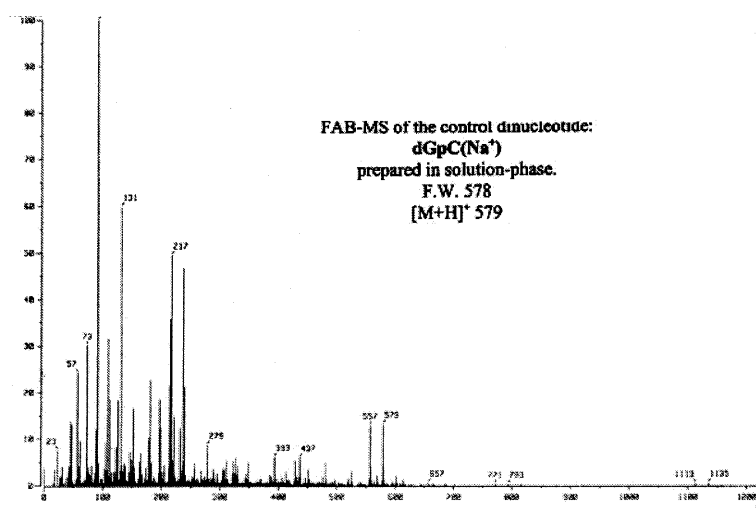


Figure S10.

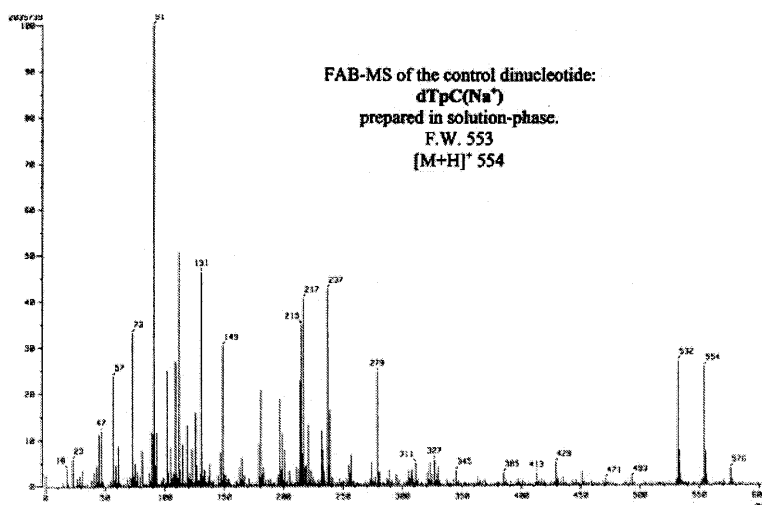


Figure S11.

**HPLC calibration curves for dinucleotides:
dCpC(Na⁺), dGpC(Na⁺), dTpC(Na⁺), dApC(Na⁺)
Column: Vydac 218TP54 C18, 4.6x250 mm
Gradient: 30%-->70% buffer B in 20 min
Buffer A: TEAA 0.1M, Buffer B: MeCN:H2O 1/9,
Detection: 260 nm**

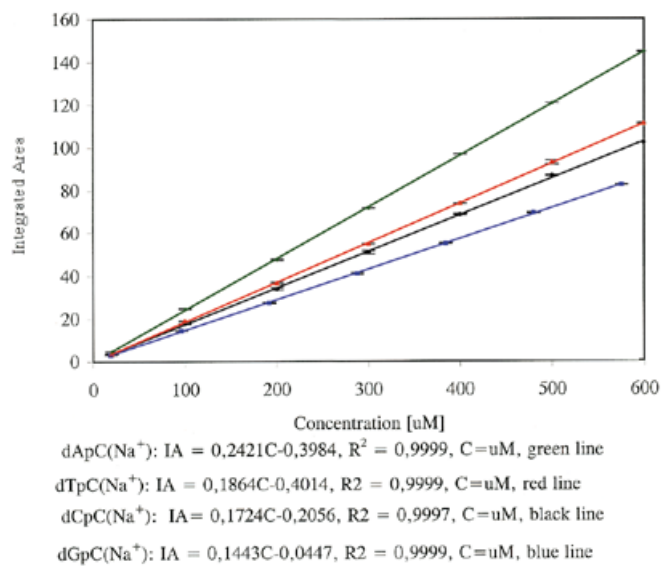


Figure S12.

**Determination of the Molar Extinction Coefficient for dinucleotides:
dCpC(Na⁺), dGpC(Na⁺), dTpC(Na⁺), dApC(Na⁺),
in 10mM phosphate buffer, pH 7.2
Temperature: 33°C**

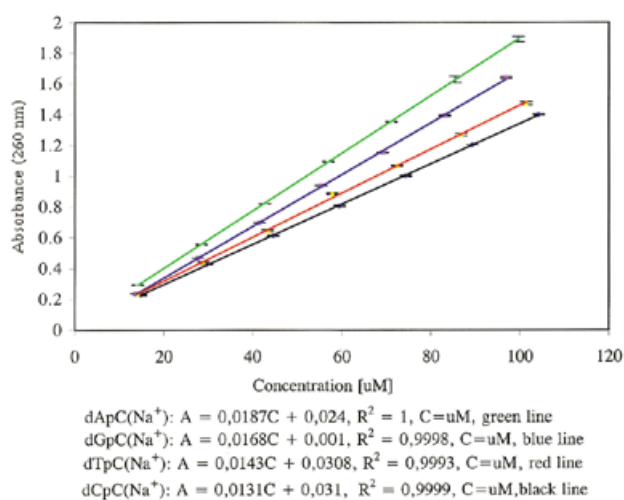


Figure S13.