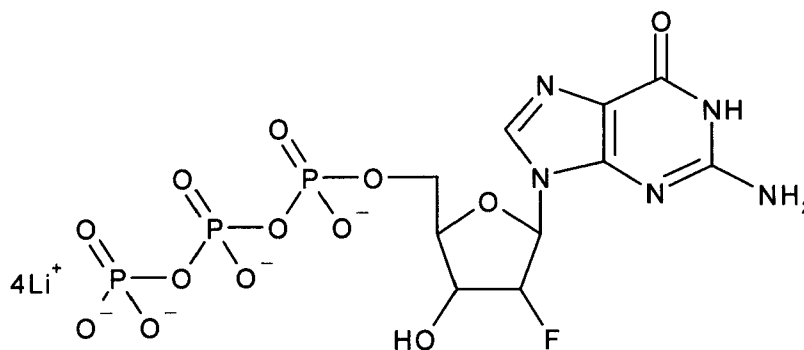


**2'-Fluoro-2'-dGTP**
**N-1009**


2'-Fluoro-2'-deoxyguanosine-5'-Triphosphate

## Product Information

**Catalog # (Pack Size):** N-1009-1 (1  $\mu$ mole)

 N-1009-5 (5  $\mu$ mole)

 N-1009-10 (10  $\mu$ mole)

N-1009-BK (Bulk Amount)

**Manufacturing Lot #:** T1-BEE01A

**Extinction Coefficient:** 13,600  $\text{Lmol}^{-1}\text{cm}^{-1}$  @ 252 nm

**Molecular Weight:** 525.1 g/mole (free acid)

**Molecular Formula:**  $\text{C}_{10}\text{H}_{15}\text{N}_5\text{O}_{13}\text{P}_3\text{F}$  (free acid)

**Final Salt Form:**  $\text{Li}^+$ 
**Packaged As:** 100 mM in  $\text{H}_2\text{O}$ 
**Handling:** Avoid repeated freeze/thaw cycles. Upon first use, it is recommended to aliquot sample into single use portions.

**Recommended Storage:**  $-20^\circ\text{C}$  or below

## QC Analysis

**Method of Analysis:**
**Manufacturing Lot:** AX-HPLC
 $^{31}\text{P}$  NMR
Mass Spec
 $^1\text{H}$  NMR
UV Spec
**Results:**

98.5%

100%

525.2 amu

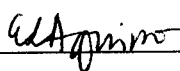
Passes

Passes

## QA Approval

Approved By:

QA



Date

9/19/2014

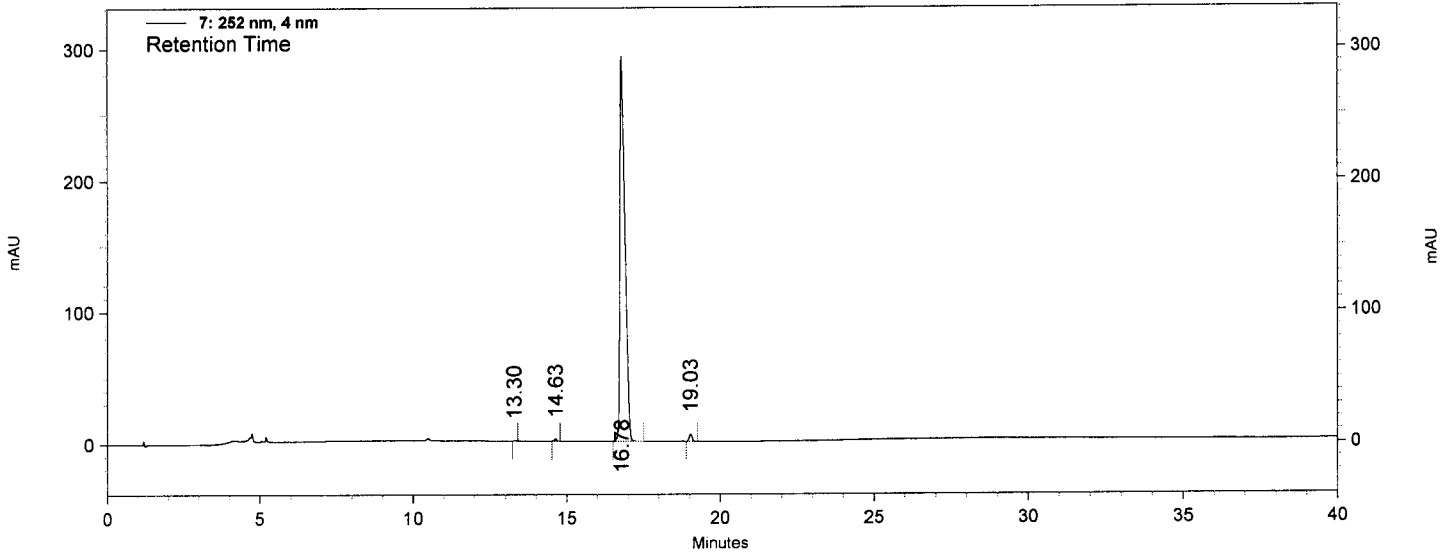
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The Modified Nucleic Acid Experts

AX-HPLC : QTP-2021      Revision: 002

Sample ID : N1009 T1-BEE01A  
Injection : 15 µL  
Acquired : 9/11/2014 4:47:01 PM

\\10.1.1.108\shared\QC\HPLC Data\2014\Q10914\QCE\QCE0914-0127.dat



7: 252 nm, 4 nm Results

Retention Time	Area	Area Percent
13.30	2340	0.07
14.63	9297	0.27
16.78	3363858	98.55
19.03	37785	1.11
<b>Totals</b>	<b>3413280</b>	<b>100.00</b>