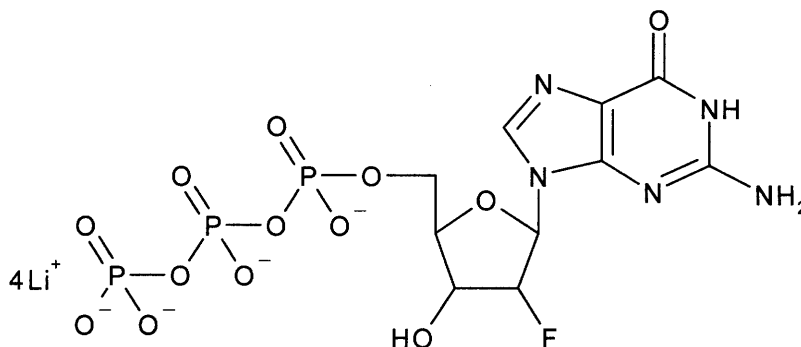


2'-Fluoro-2'-dGTP
N-1009


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

Product Information

Catalog # (Pack Size): N-1009-1 (1 μ mole)
 N-1009-5 (5 μ moles)
 N-1009-10 (10 μ moles)
 N-1009-BK (Bulk Amount)

Packaged As: 100 mM in H₂O

Recommended Storage: -20°C or below

Manufacturing Lot #: N1009-T10D01A

Packaging Lot #: N1009-T10D01A-4

Extinction Coefficient: 13,600 Lmol⁻¹cm⁻¹ @ 252 nm

Molecular Weight: 525.1 g/mole (free acid)

Molecular Formula: C₁₀H₁₅N₅O₁₃P₃F (free acid)

Final Salt Form: Li⁺

Handling: Avoid repeated freeze/thaw cycles. Upon first use, it is recommended to aliquot sample into single use portions.

QC Analysis

Method of Analysis:

Manufacturing Lot: AX-HPLC

³¹P NMR

¹H NMR

Mass Spec

UV-Spec

Results:

Passes

Passes

Passes

Passes

Passes

Packaging Lot: AX-HPLC

95.0%

QA Approval

Approved By: 

QA

11/01/2012
Date

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The Modified Nucleic Acid Experts

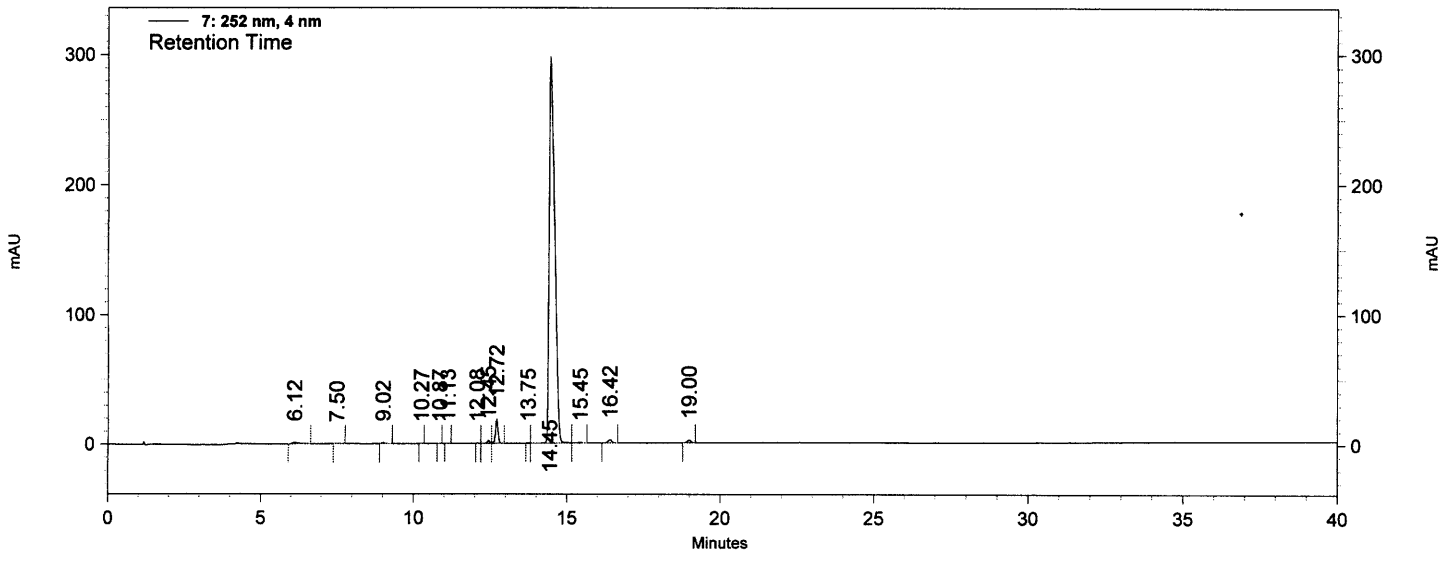
9955 Mesa Rim Road | San Diego, CA 92121 | 800-863-6801 | www.trilinkbiotech.com | info@trilinkbiotech.com

Final Data
 Released By SS
 Date 10/30/2012

AX-HPLC : QTP-2021
Column : Dionex DNA PAC PA-100 4 x 250 mm **Injection** : 15 uL
Buffer A : 25 mM Tris, pH = 9-11 **Buffer B** : 25 mM Tris pH = 9-11, 1 M LiCl
Gradient : 0-50 % B over 40 min **Flow Rate** : 1 mL/min **Temperature** : Room Temperature

Sample ID : N1009-T10D01A-4
Acquired : 10/30/2012 12:41:48 PM

C:\32Karat\Projects\Default\Data\QD1012\QCR\QCI1012-0245.dat



7: 252 nm, 4 nm Results

Retention Time	Area	Area Percent
6.12	16322	0.42
7.50	2109	0.05
9.02	5456	0.14
10.27	839	0.02
10.87	657	0.02
11.13	869	0.02
12.08	875	0.02
12.45	11675	0.30
12.72	104948	2.72
13.75	1331	0.03
14.45	3663364	95.06
15.45	6591	0.17
16.42	20841	0.54
19.00	17841	0.46
Totals	3853718	100.00