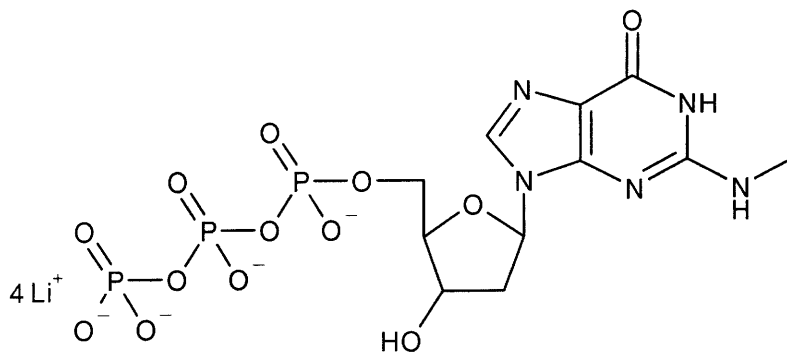


N2-Methyl-2'-dGTP
N-2028

 N²-Methyl-2'-deoxyguanosine-5'-Triphosphate

Product Information

Catalog # (Pack Size): N-2028-1 (1 μmole)

N-2028-5 (5 μmoles)

N-2028-10 (10 μmoles)

N-2028-BK (Bulk Amount)

Packaged As: 100 mM in H₂O

Recommended Storage: -20°C or below

Manufacturing Lot #: N-2028-121801-1

Extinction Coefficient: 14,800 Lmol⁻¹cm⁻¹ @ 254 nm

Molecular Weight: 521.2 g/mole (free acid)

Molecular Formula: C₁₁H₁₆N₅O₁₃P₃ (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
Mass Spec
¹H NMR
UV Spec
Results:

99.1%

100%

521.0 amu

Passes

Passes

QA Approval

Approved By:

QA

Date

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The Modified Nucleic Acid Experts

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Final Data

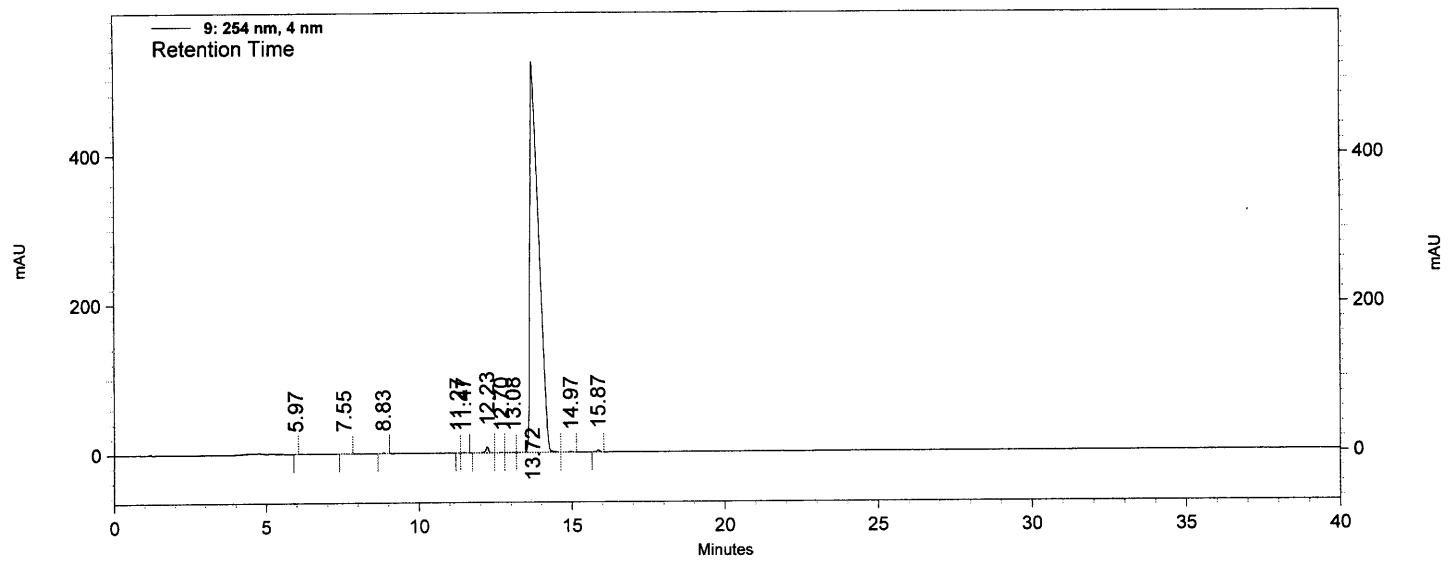
Released By dfm

Date 02/14/13

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 : N-2028-121801-1
 Acquired : 2/13/2013 6:07:39 PM

C:\32Karat\Projects\Default\Data\QD0213\QCI\QCI0213-0117.dat



9: 254 nm, 4 nm Results

Retention Time	Area	Area Percent
5.97	838	0.01
7.55	2421	0.02
8.83	6417	0.06
11.27	630	0.01
11.47	2466	0.02
12.23	50589	0.48
12.70	2516	0.02
13.08	2473	0.02
13.72	10406961	99.10
14.97	6899	0.07
15.87	19760	0.19
Totals	10501970	100.00