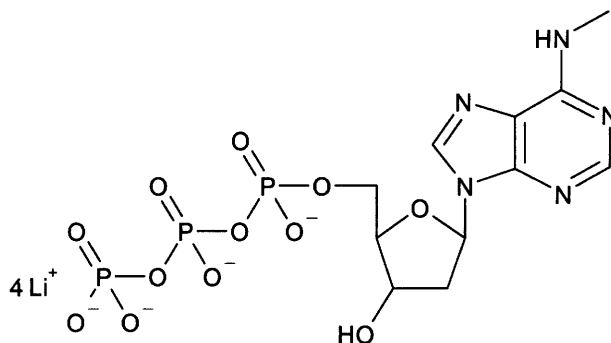


N6-Methyl-2'-dATP
N-2025

 N⁶-Methyl-2'-deoxyadenosine-5'-Triphosphate

Product Information

Catalog # (Pack Size): N-2025-1 (1 μmole)

N-2025-5 (5 μmoles)

N-2025-10 (10 μmoles)

N-2025-BK (Bulk Amount)

Manufacturing Lot #: N2025-T1ADV01A

Extinction Coefficient: 15,400 Lmol⁻¹cm⁻¹ @ 269 nm

Molecular Weight: 505.2 g/mole (free acid)

Molecular Formula: C₁₁H₁₈N₅O₁₂P₃ (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.

Packaged As: 100 mM in H₂O

Recommended Storage: -20 °C or below

For research use only

QC Analysis

Method of Analysis:
Results:
Manufacturing Lot: AX-HPLC

97.5%

³¹P NMR

100%

¹H NMR

Passes

Mass Spec

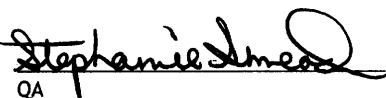
504.9 amu

UV Spec

Passes

QA Approval

Approved By:



QA

02/21/2012

Date

The Modified Nucleic Acid Experts

dfm
02/15/12

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

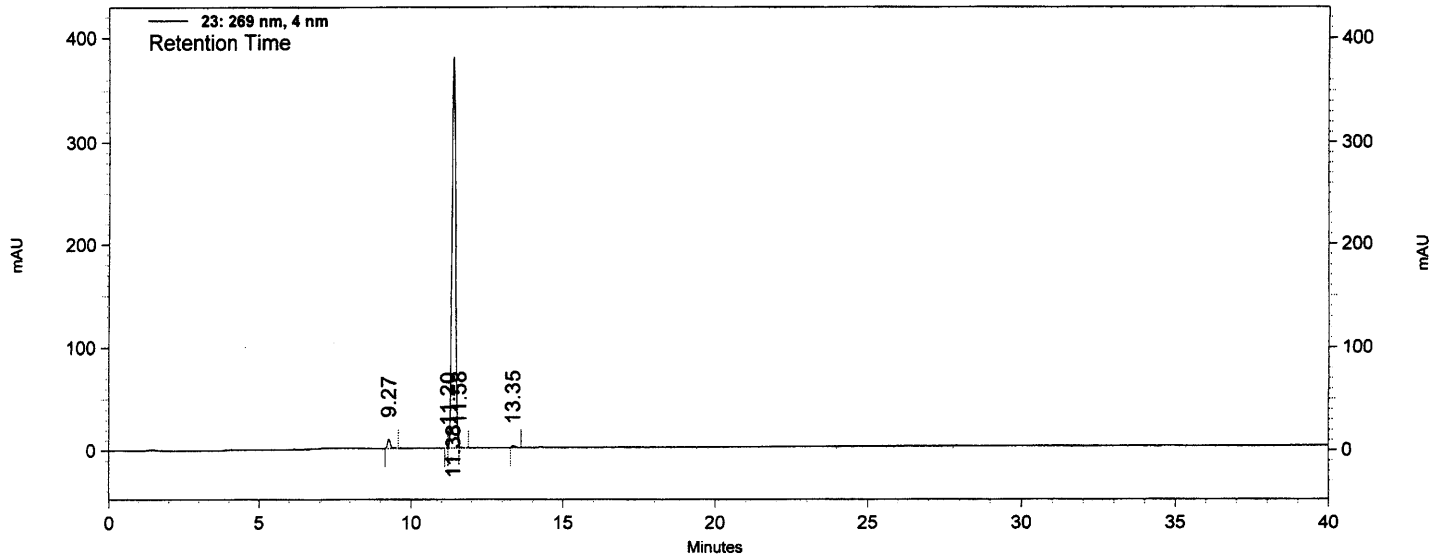
Flow Rate : 1 mL/min

Temperature : Room Temperature

Sample ID : N2025-T1ADV01A

Acquired : 2/15/2012 1:20:36 PM

C:\32Karat\Projects\Default\Data\QC0212\QCI\QCI0212-0046.dat



23: 269 nm, 4 nm Results

Retention Time	Area	Area Percent
9.27	59545	1.80
11.20	1758	0.05
11.38	3223456	97.55
11.58	5496	0.17
13.35	13990	0.42
Totals	3304245	100.00