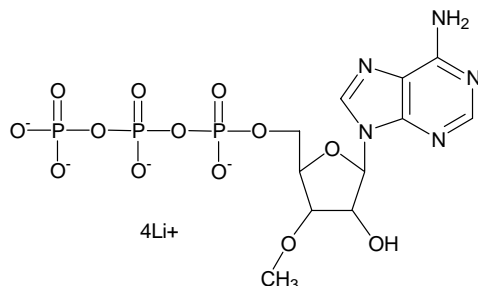


Compound**3'-O-Methyladenosine-5'-Triphosphate**Molecular Formula: C₁₁H₁₈N₅O₁₃P₃ (free acid)

Lot Number: N-1056-101204

**Catalog # (Pack Size)**N-1056-1 (1 μ mole)
N-1056-5 (5 μ moles)
N-1056-10 (10 μ moles)
N-1056-BK (Bulk amount)**Packaged As**100 mM solution in H₂O**Purity**94.8% by AX-HPLC
100% by ³¹P NMR**Method of Analysis**AX-HPLC

Column: Dionex DNAPac PA-100, 4 x 250 mm

Buffer A: 25 mM Tris-base, pH 9.0-11.0

Buffer B: 25 mM Tris-base in 1M LiCl, pH 9.0-11.0

0-50% B over 40 minutes, 1.0 mL/min

³¹P NMR¹H NMRMass Spec

Found Mass: 520.0 amu; Pass

UV Spec**Attachments**

AX-HPLC

Comments

Molecular weight = 521.2 g/mole (free acid)

Extinction coefficient = 15,400 Lmol⁻¹cm⁻¹ at 258 nm

Lithium salt form

Store at -20°C

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

Released By

QA

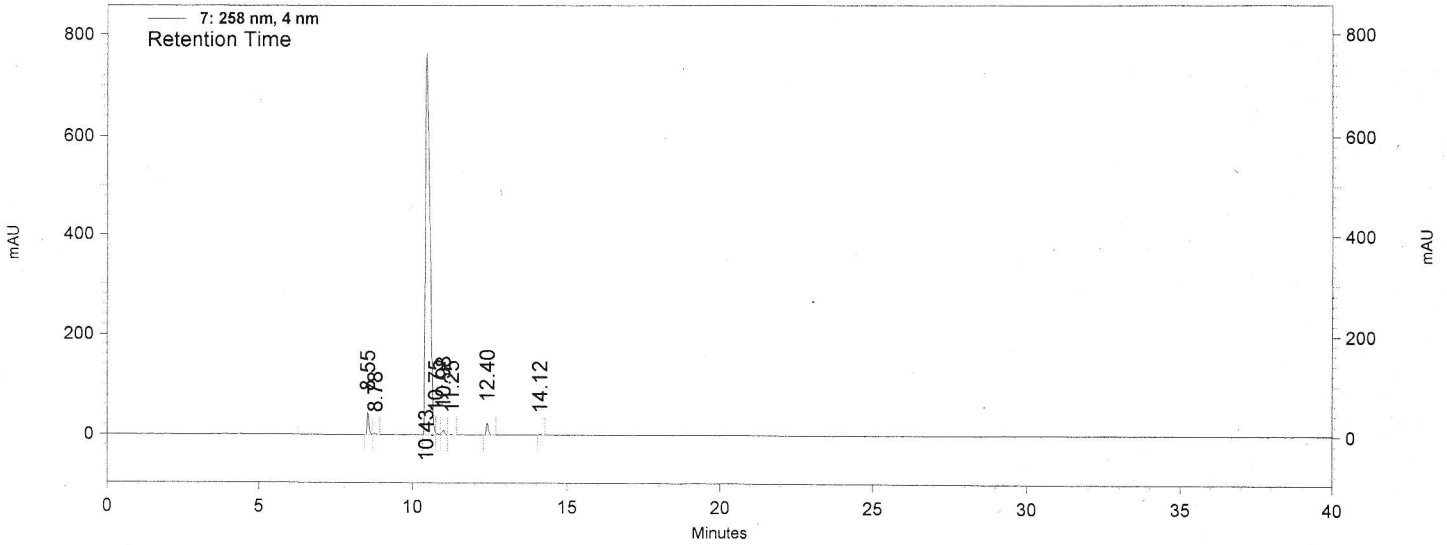
December 29, 2009

Date

AX-HPLC : Dionex DNA PAC PA-100 4 x 250 mm
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 : N1056-101204
Acquired : 12/23/2009 9:19:09 PM

C:\32Karat\Projects\Default\Data\QD1209\QXD\QXD1209-0132.dat



7: 258 nm, 4 nm Results

Retention Time	Area	Area Percent
8.55	192528	2.42
8.78	14601	0.18
10.43	7561176	94.89
10.75	13118	0.16
10.98	51046	0.64
11.25	7627	0.10
12.40	117999	1.48
14.12	10215	0.13
Totals	7968310	100.00