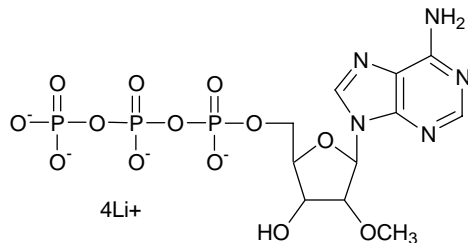


Compound**2'-O-Methyladenosine-5'-Triphosphate**Molecular Formula: C₁₁H₁₈N₅O₁₃P₃ (free acid)

Lot Number: N-1015-092707

**Catalog # (Pack Size)**N-1015-1 (1 μmole)
N-1015-5 (5 μmoles)
N-1015-10 (10 μmoles)
N-1015-BK (Bulk amount)**Packaged As**100 mM solution in H₂O**Purity**95.0% by AX-HPLC
99.2% by ³¹P NMR**Method of Analysis**AX-HPLC

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

Buffer A: 25 mM Tris Base, pH 9-11

Buffer B: 25 mM Tris Base in 1 M LiCl, pH 9-11

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

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

June 23, 2010

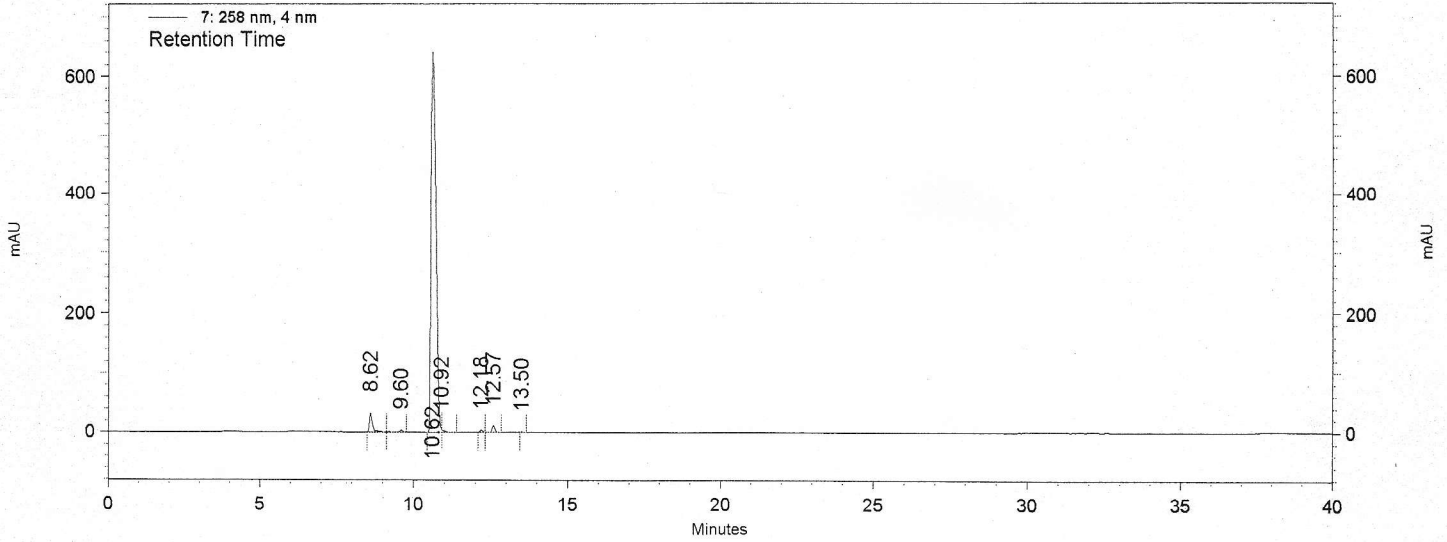
Date

Final Data
Released By AP
Date 6/22/10

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 : N1015-092707
 Acquired : 6/21/2010 4:03:55 PM

C:\32Karat\Projects\Default\Data\QD0610\QXD\QXD0610-0198.dat



7: 258 nm, 4 nm Results

Retention Time	Area	Area Percent
8.62	211705	2.86
9.60	26698	0.36
10.62	7032243	95.07
10.92	22016	0.30
12.18	22444	0.30
12.57	77008	1.04
13.50	4799	0.06
Totals	7396913	100.00