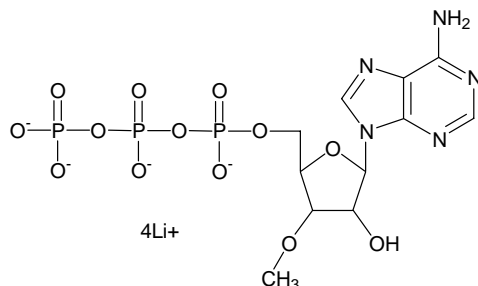


Compound**3'-O-Methyladenosine-5'-Triphosphate**Molecular Formula: C₁₁H₁₈N₅O₁₃P₃ (free acid)

Lot Number: N-1056-013008

**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**93.2% by AX-HPLC
100% by ³¹P NMR**Method of Analysis**AX-HPLCColumn: 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/minute³¹P NMR¹H NMRMass Spec

Found Mass: 520.9 amu; Pass

UV Spec**Attachments**

AX-HPLC

CommentsMolecular 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

July 9, 2010

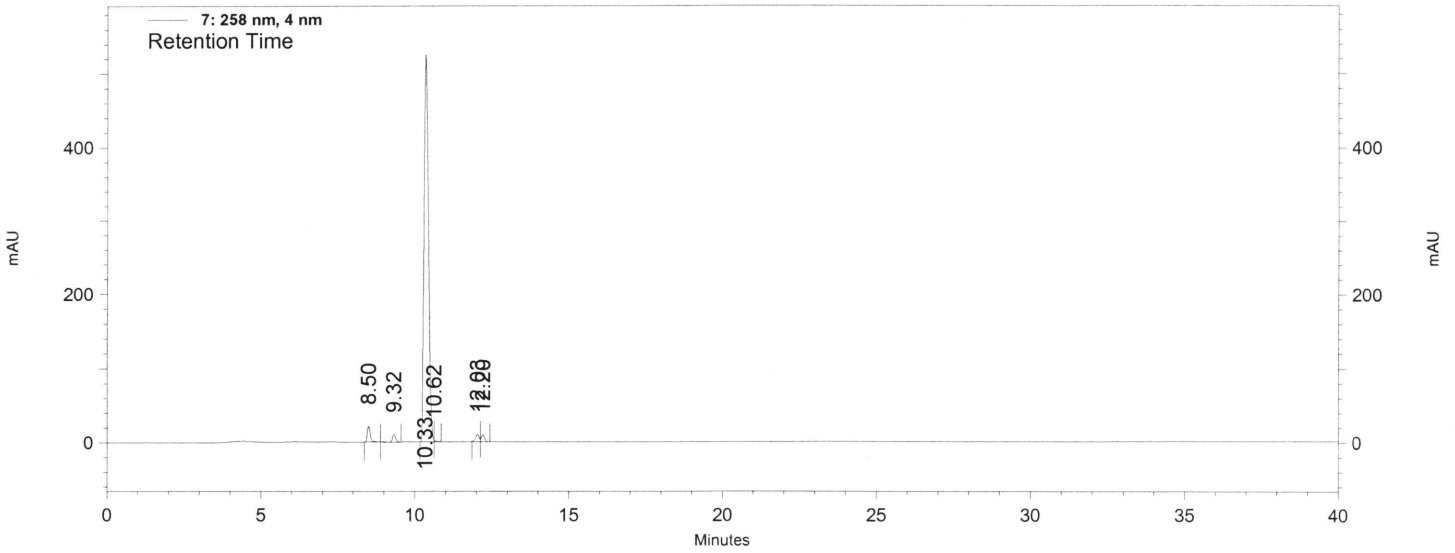
Date

Final Data
Released By AP
Date 7/8/10

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 : N1056-013008
 Acquired : 7/7/2010 9:02:39 PM

C:\32Karat\Projects\Default\Data\QD0710\QCB\QCB0710-0079.dat



7: 258 nm, 4 nm Results

Retention Time	Area	Area Percent
8.50	148749	2.66
9.32	74745	1.34
10.33	5217383	93.22
10.62	6844	0.12
12.03	79872	1.43
12.20	69209	1.24
Totals	5596802	100.00