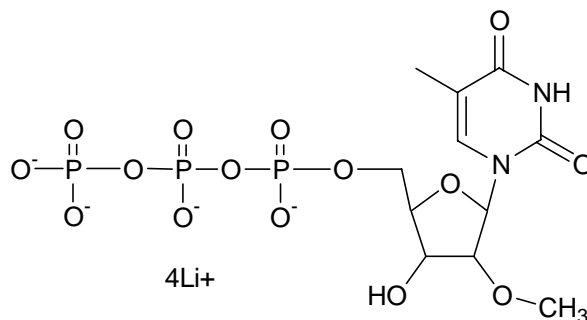


Compound**2'-O-Methyl-5-Methyl-Uridine-5'-Triphosphate**Molecular Formula: C₁₁H₁₉N₂O₁₅P₃ (free acid)

Lot Number: N-1043-021201

**Catalog # (Pack size)**

N-1043-1 (1μmole)

N-1043-5 (5μmoles)

N-1043-10 (10μmoles)

Packaged As100 mM solution in H₂O**Purity**

97.6% 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 1 M LiCl, pH 9.0-11.0

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

³¹P NMRMass SpecUV Spec**Attachments**

AX-HPLC

Comments

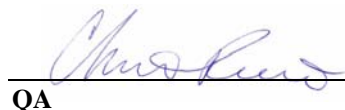
Molecular weight = 512.19 g/mole (free acid)

Extinction coefficient = 10,359 Lmol⁻¹cm⁻¹ at 265 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

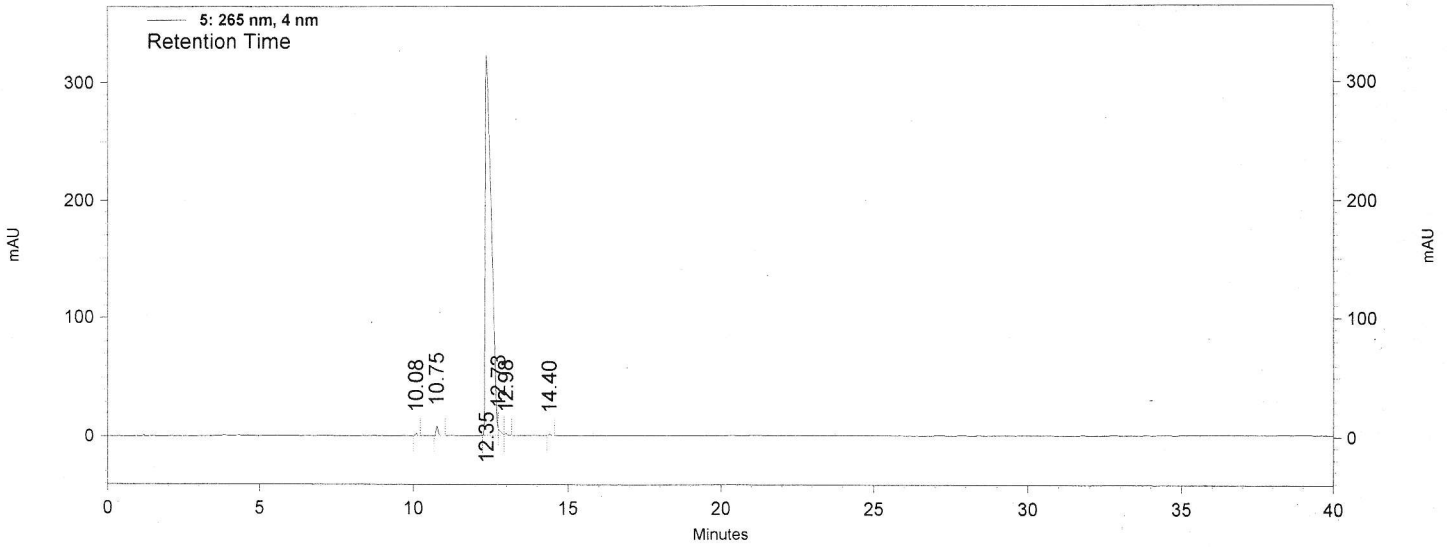
December 29, 2009

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 : N1043-021201
Acquired : 12/24/2009 3:34:06 AM

C:\32Karat\Projects\Default\Data\QD1209\QXD\QXD1209-0139.dat



5: 265 nm, 4 nm Results

Retention Time	Area	Area Percent
10.08	10158	0.23
10.75	39430	0.88
12.35	4392119	97.66
12.73	33643	0.75
12.98	14374	0.32
14.40	7843	0.17
Totals	4497567	100.00