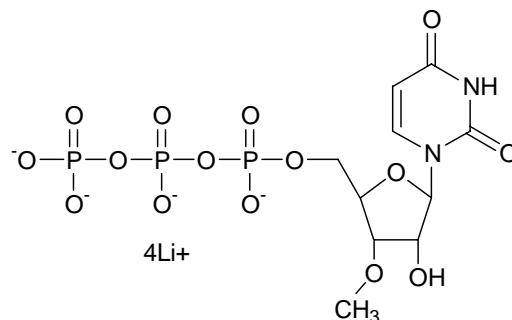


Compound***3'-O-Methyluridine-5'-Triphosphate***Molecular Formula: C₁₀H₁₇N₂O₁₅P₃ (free acid)

Lot Number: N-1059-040604

**Catalog # (Pack size)**

N-1059-1 (1 μmole)

N-1059-5 (5 μmoles)

N-1059-10 (10 μmoles)

Packaged As100 mM solution in H₂O**Purity**

97.9% 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 NMR¹H NMRMass Spec

Found Mass: 497.0 amu; Pass

UV Spec**Attachments**

AX-HPLC

Comments

Molecular weight = 498.2 g/mole (free acid)

Extinction coefficient = 10,100 Lmol⁻¹cm⁻¹ at 262 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

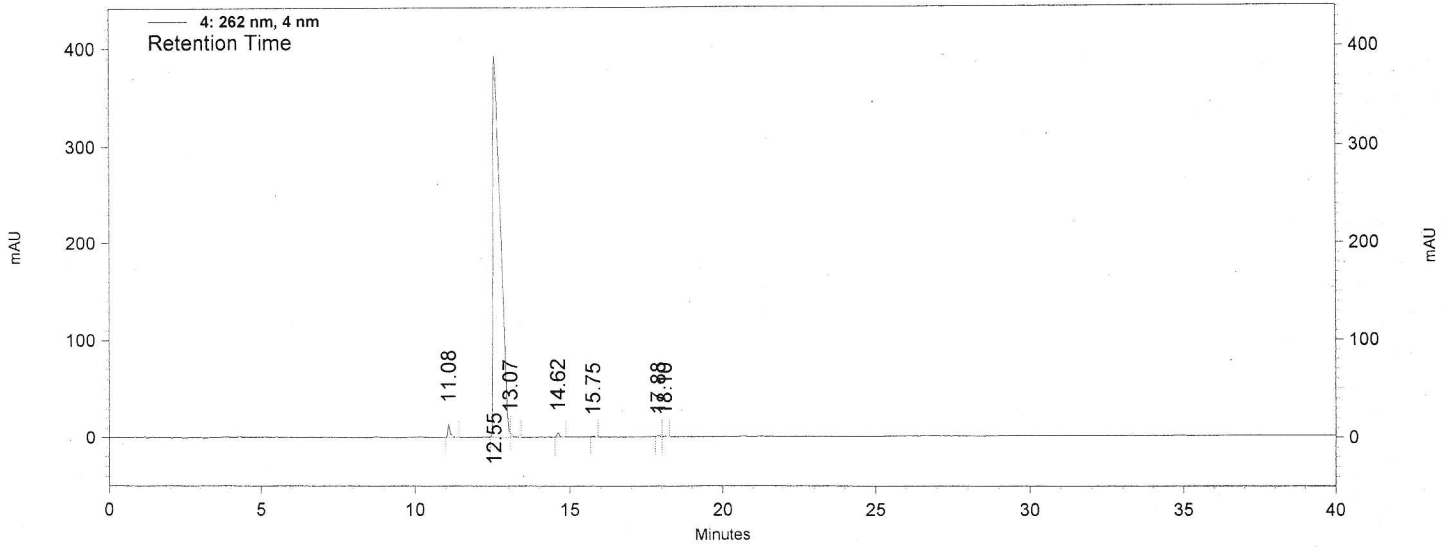
December 29, 2009

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 : N1059-040604
Acquired : 12/24/2009 1:46:58 AM

C:\32Karat\Projects\Default\Data\QD1209\QXD\QXD1209-0137.dat



4: 262 nm, 4 nm Results

Retention Time	Area	Area Percent
11.08	80075	1.17
12.55	6698376	97.91
13.07	18390	0.27
14.62	26384	0.39
15.75	5802	0.08
17.88	8004	0.12
18.10	4334	0.06
Totals	6841365	100.00