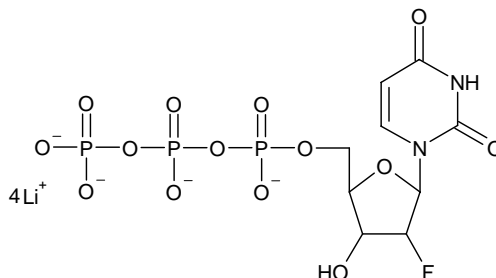


Compound**2'-Fluoro-2'-deoxyuridine-5'-Triphosphate**Molecular Formula: C₉H₁₄N₂O₁₄P₃F (free acid)

Lot Number: N-1010-120607

**Catalog # (Pack Size)**N-1010-1 (1 μmole)
N-1010-5 (5 μmoles)
N-1010-10 (10 μmoles)
N-1010-1G (1 gram)
N-1010-BK (Bulk amount)**Packaged As**100 mM solution in H₂O**Purity**97.0% 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/min³¹P NMR¹H NMRMass Spec

Found Mass: 485.9 amu; Pass

UV Spec**Attachments**

AX-HPLC

CommentsMolecular weight = 486.1 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

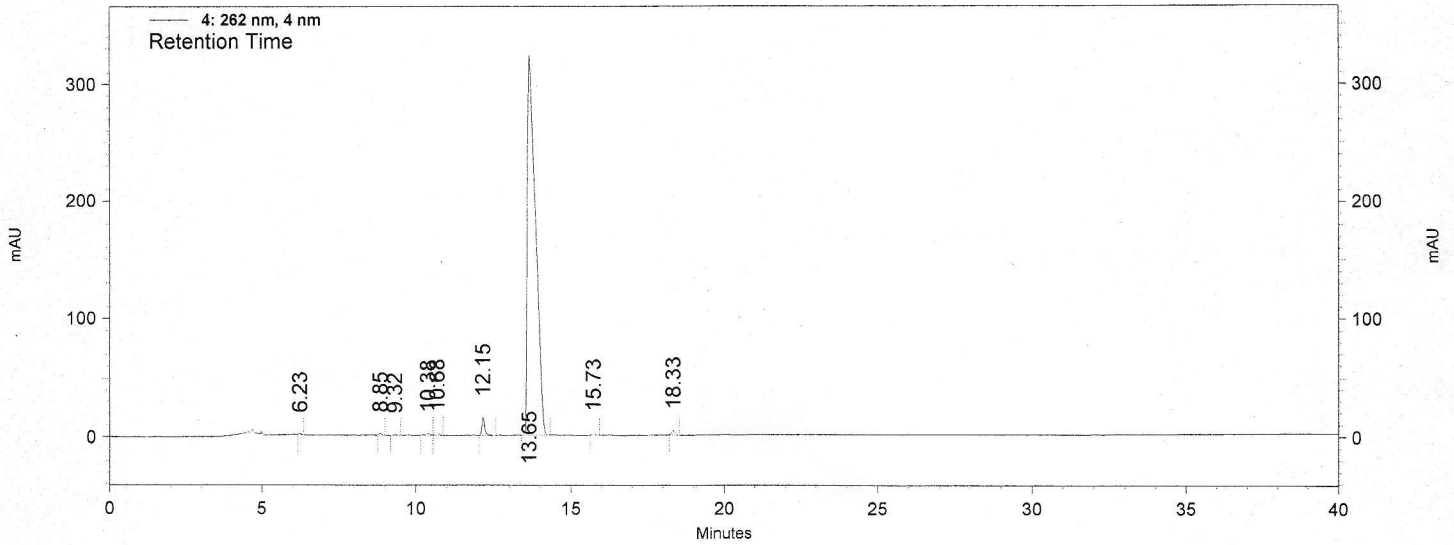
June 25, 2010

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 : N1010-120607
Acquired : 6/24/2010 1:30:52 PM

C:\32Karat\Projects\Default\Data\QD0610\QXD\QXD0610-0254.dat



4: 262 nm, 4 nm Results

Retention Time	Area	Area Percent
6.23	5318	0.08
8.85	8020	0.13
9.32	4989	0.08
10.38	13865	0.22
10.68	15782	0.25
12.15	92375	1.47
13.65	6084562	97.02
15.73	16723	0.27
18.33	30101	0.48

Totals	6271735	100.00
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