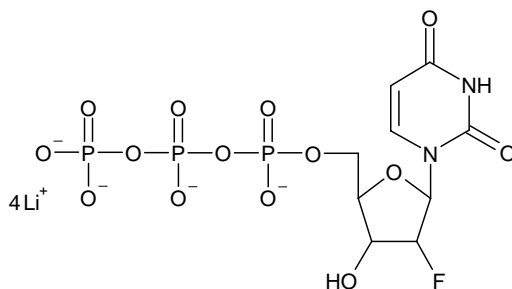


Compound**2'-Fluoro-2'-deoxyuridine-5'-Triphosphate**Molecular Formula: C₉H₁₄N₂O₁₄P₃F (free acid)

Lot Number: N-1010-102808

**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**92.3% by AX-HPLC
97.0% 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/min

³¹P NMR¹H NMRMass Spec

Found Mass: 486 amu; Pass

UV Spec**Attachments**

AX-HPLC

Comments

Molecular 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

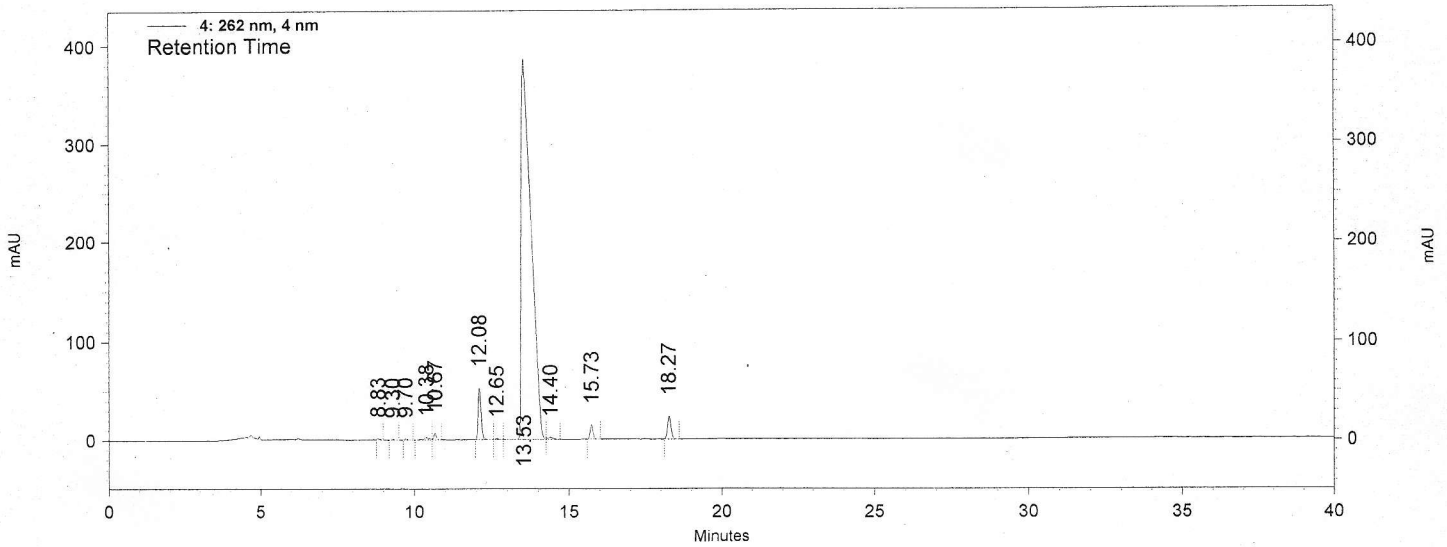
June 25, 2010

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 : N1010-102808
 Acquired : 6/24/2010 2:24:25 PM

C:\32Karat\Projects\Default\Data\QD0610\QXD\QXD0610-0255.dat



4: 262 nm, 4 nm Results

Retention Time	Area	Area Percent
8.83	5247	0.06
9.30	3583	0.04
9.70	6311	0.07
10.38	25887	0.28
10.67	36012	0.38
12.08	340381	3.63
12.65	5360	0.06
13.53	8666984	92.32
14.40	22224	0.24
15.73	92910	0.99
18.27	183347	1.95

Totals	9388246	100.00
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