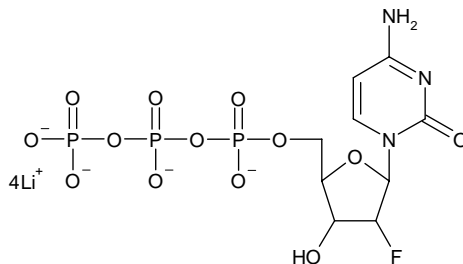


Compound**2'-Fluoro-2'-deoxycytidine-5'-Triphosphate**Molecular Formula: C₉H₁₅N₃O₁₃P₃F (free acid)

Lot Number: N-1008-032307

**Catalog # (Pack Size)**N-1008-1 (1 μmole)
N-1008-5 (5 μmoles)
N-1008-10 (10 μmoles)
N-1008-1G (1 gram)
N-1008-BK (Bulk amount)**Packaged As**100 mM solution in H₂O**Purity**98.5% 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: 484.0 amu; Pass

UV Spec**Attachments**

AX-HPLC

CommentsMolecular weight = 485.2 g/mole (free acid)
Extinction coefficient = 9,100 Lmol⁻¹cm⁻¹ at 271 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

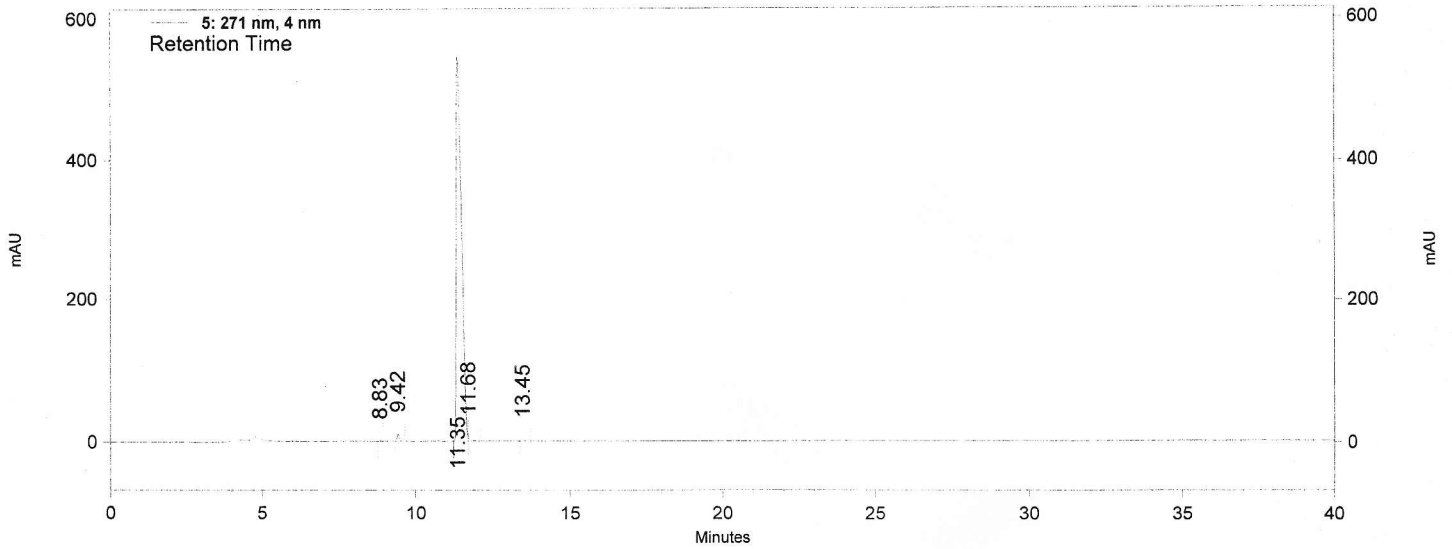
March 24, 2010

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 : N-1008-032307
Acquired : 9/24/2009 2:43:41 PM

C:\32Karat\Projects\Default\Data\QD0909\QXD\QXD0909-0061.dat



5: 271 nm, 4 nm Results

Retention Time	Area	Area Percent
8.83	5696	0.09
9.42	49618	0.76
11.35	6409161	98.57
11.68	23200	0.36
13.45	14221	0.22
Totals	6501896	100.00