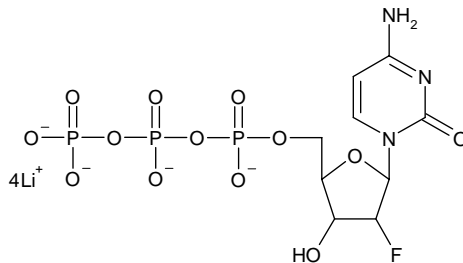


Compound**2'-Fluoro-2'-deoxycytidine-5'-Triphosphate**Molecular Formula: C₉H₁₅N₃O₁₃P₃F (free acid)

Lot Number: N-1008-013008

**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**97.9% by AX-HPLC
95.1% 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: 483.8 amu; Pass

UV Spec**Attachments**

AX-HPLC

Comments

Molecular 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

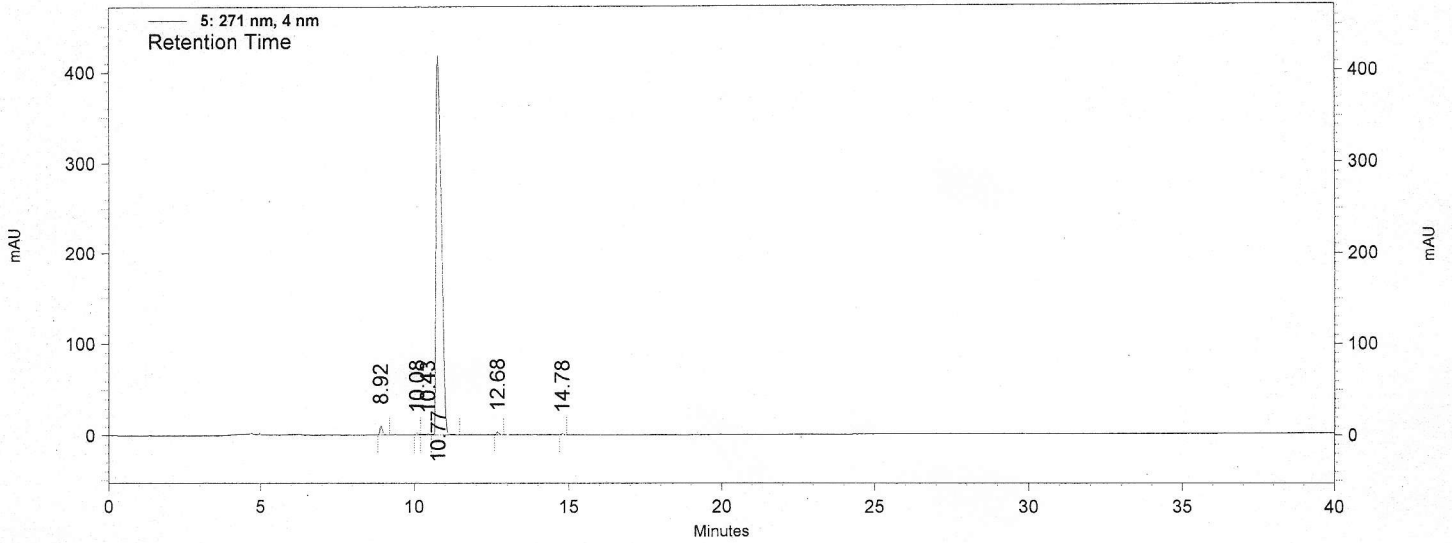
June 25, 2010

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 : N1008-013008
Acquired : 6/24/2010 3:17:58 PM

C:\32Karat\Projects\Default\Data\QD0610\QXD\QXD0610-0256.dat



5: 271 nm, 4 nm Results

Retention Time	Area	Area Percent
8.92	59379	1.16
10.08	10507	0.21
10.43	10703	0.21
10.77	5015317	97.91
12.68	18322	0.36
14.78	8103	0.16
Totals	5122331	100.00