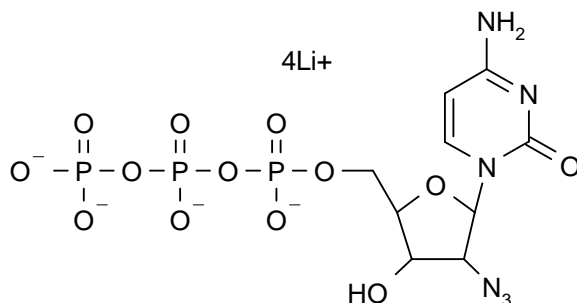


Compound**2'-Azido-2'-deoxycytidine-5'-Triphosphate**Molecular Formula: $C_9H_{15}N_6O_{13}P_3$ (free acid)

Lot Number: N-1028-072600-B

**Catalog # (Pack Size)**N-1028-1 (1 μ mole)
N-1028-5 (5 μ moles)
N-1028-10 (10 μ moles)
N-1028-BK (Bulk amount)**Packaged As**10 mM solution in H_2O **Purity**

90.3% by AX-HPLC

Method of AnalysisAX-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

UV Spec**Attachments**

AX-HPLC

Comments

Molecular weight = 508.2 g/mole (free acid)

Extinction coefficient = $9,100 \text{ Lmol}^{-1}\text{cm}^{-1}$ 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

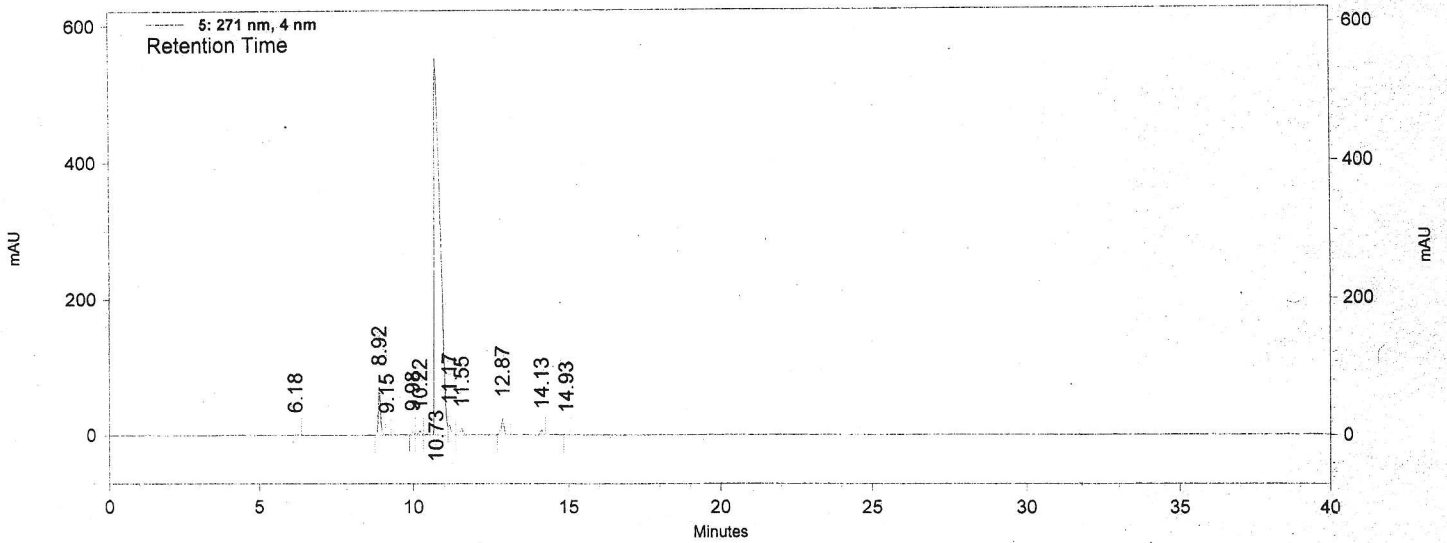
December 23, 2009

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 : N1028-072600B
Acquired : 12/22/2009 1:42:38 AM

C:\32Karat\Projects\Default\Data\QXD12090106.dat



5: 271 nm, 4 nm Results

Retention Time	Area	Area Percent
6.18	12264	0.15
8.92	344469	4.18
9.15	5456	0.07
9.98	22623	0.27
10.22	40549	0.49
10.73	7439404	90.33
11.17	91226	1.11
11.55	76726	0.93
12.87	157589	1.91
14.13	36657	0.45
14.93	8477	0.10
Totals	8235440	100.00