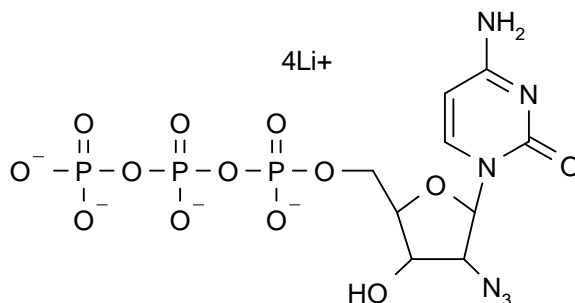


Compound**2'-Azido-2'-deoxycytidine-5'-Triphosphate**Molecular Formula: C₉H₁₅N₆O₁₃P₃ (free acid)

Lot Number: N-1028-092701

**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**100 mM solution in H₂O**Purity**98.1% by AX-HPLC
100% by ³¹P NMR**Method of Analysis**AX-HPLC

Column: Dionex DNAPac PA-100, 4 x 250 mm

Buffer A: 25 mM Tris Base, pH 9.0-11.0

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

³¹P NMRMass Spec

Mass Found: 507.0 amu; Pass

UV Spec**Attachments**

AX-HPLC

Comments

Molecular weight = 508.2 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

December 23, 2009

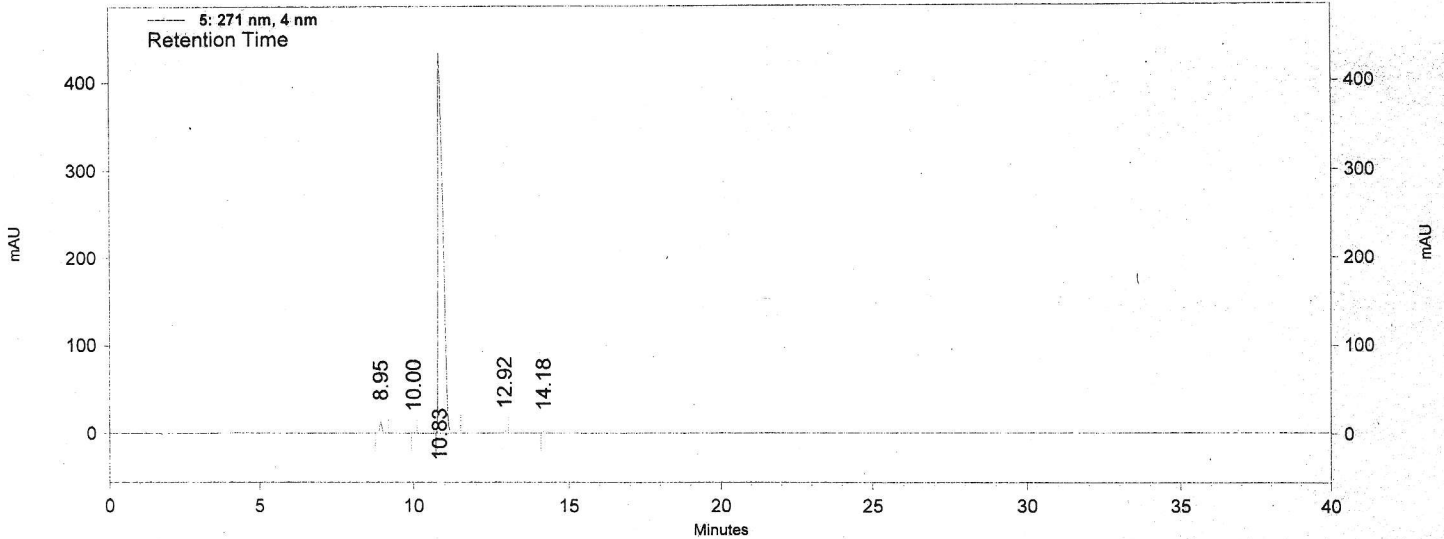
Date

Final Data
Released *BM*
Date 12.22.09

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 : N1028-092701
Acquired : 12/21/2009 10:08:28 PM

C:\32Karat\Projects\Default\Data\QXD12090102.dat



5: 271 nm, 4 nm Results

Retention Time	Area	Area Percent
8.95	65735	1.34
10.00	3530	0.07
10.83	4821039	98.10
12.92	15108	0.31
14.18	8812	0.18
Totals	4914224	100.00