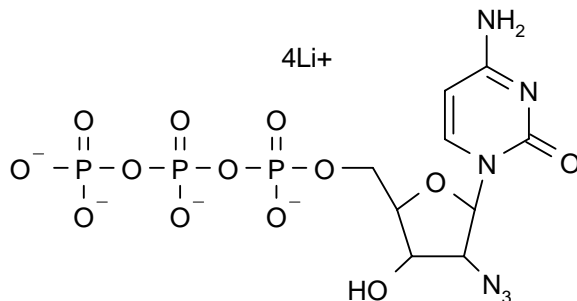


Compound *2'-Azido-2'-deoxycytidine-5'-Triphosphate*
Molecular Formula: C₉H₁₅N₆O₁₃P₃ (free acid)
Lot Number: N-1028-072600-C



Catalog # N-1028-1 (1 μmole)
(Pack Size) N-1028-5 (5 μmoles)
 N-1028-10 (10 μmoles)
 N-1028-BK (Bulk amount)

Packaged As 10 mM solution in H₂O

Purity 95.4% by AX-HPLC

Method of AX-HPLC
Analysis Column: Dionex DNAPac PA-100
 Buffer A: 25 mM Tris Base, pH 9.0-11.0
 Buffer B: 25 mM Tris Base in 1M LiCl, pH 9.0-11.0
 0-50% B over 40 minutes, 1.0 mL/min

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

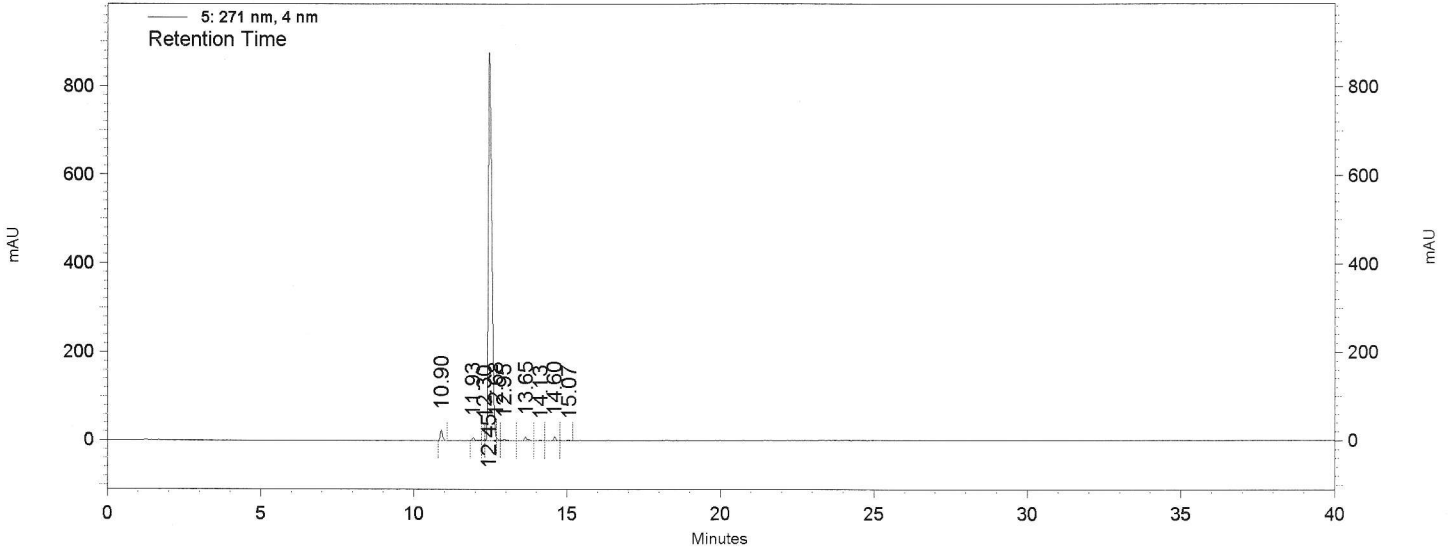
December 21, 2009

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 : N1028-072600C
Acquired : 11/16/2009 11:54:55 AM

D:\32Karat\Projects\Default\Data\QX1109\QXA\QXA1109-0101.dat



5: 271 nm, 4 nm Results

Retention Time	Area	Area Percent
10.90	120312	1.68
11.93	37968	0.53
12.30	2203	0.03
12.45	6826878	95.47
12.68	23791	0.33
12.95	25301	0.35
13.65	54274	0.76
14.13	6265	0.09
14.60	44433	0.62
15.07	9755	0.14

Totals	7151180	100.00
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