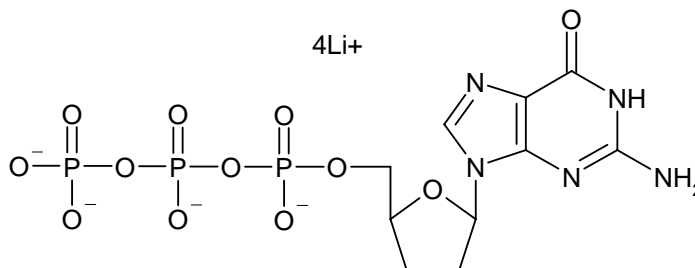


Compound**2',3'-Dideoxyguanosine-5'-Triphosphate**Molecular Formula: C₁₀H₁₆N₅O₁₂P₃ (free acid)

Lot Number: N-4002-040709

**Catalog # (Pack Size)**N-4002-1 (1 μ mole)
N-4002-5 (5 μ moles)
N-4002-10 (10 μ moles)
N-4002-BK (Bulk amount)**Packaged As**100 mM solution in H₂O**Purity**98.9% 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 NMR¹H NMRMass Spec

Found Mass: 491.1 amu; Pass

UV Spec**Attachments**

AX-HPLC

Comments

Molecular weight = 491.2 g/mole (free acid)

Extinction coefficient = 13,600 Lmol⁻¹cm⁻¹ at 252 nm

Lithium salt form

Store at -20°C or below

Avoid repeated freeze/thaw cycles. Upon first use, it is recommended to aliquot sample into single use portions.

Released By

QA

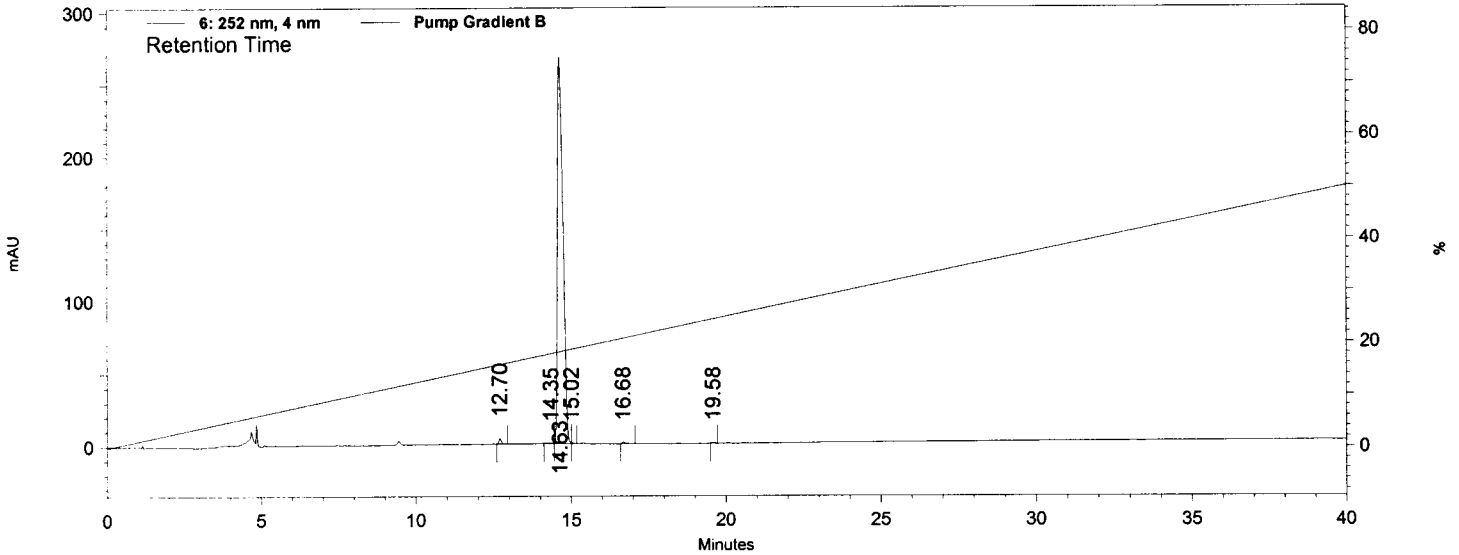
October 18, 2010

Date

AX-HPLC : QTP-2021
 Column : 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 : N4002-040709
 Acquired : 10/15/2010 5:29:38 PM

C:\32Karat\Projects\Default\Data\QD1010\QCB\QCB1010-0119.dat



6: 252 nm, 4 nm Results

Retention Time	Area	Area Percent
12.70	20601	0.62
14.35	2647	0.08
14.63	3277161	98.90
15.02	1430	0.04
16.68	7771	0.23
19.58	3862	0.12
Totals	3313472	100.00