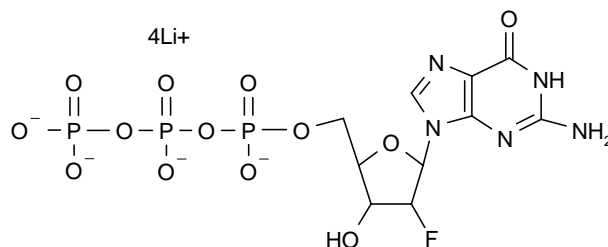


Compound**2'-Fluoro-2'-deoxyguanosine-5'-Triphosphate**Molecular Formula: C₁₀H₁₅N₅O₁₃P₃F (free acid)

Lot Number: N-1009-082603

**Catalog # (Pack size)**N-1009-1 (1 μmole)
N-1009-5 (5 μmoles)
N-1009-10 (10 μmoles)
N-1009-BK (Bulk Amount)**Packaged As**100 mM solution in H₂O**Purity**96.3% 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 9-11

Buffer B: 25 mM Tris Base in 1 M LiCl, pH 9-11

0-50% B over 40 minutes, 1.0 mL/min

³¹P NMRMass Spec

Mass Found: 524.0 amu; Pass

Attachments

AX-HPLC

Comments

Molecular weight = 525.1 g/mole (free acid)

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

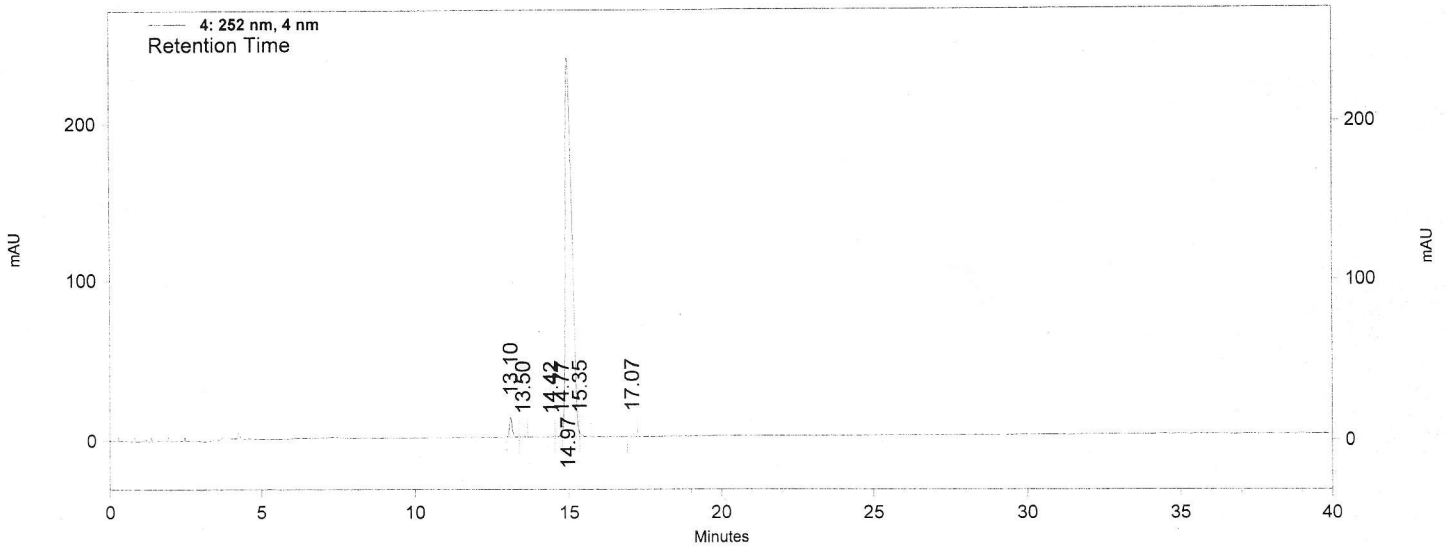
March 24, 2010

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 : N-1009-082603
Acquired : 12/9/2009 11:21:12 PM

C:\32Karat\Projects\Default\Data\QD1209\QXD\QXD1209-0029B.dat



4: 252 nm, 4 nm Results		
Retention Time	Area	Area Percent
13.10	75189	2.06
13.50	8686	0.24
14.42	6591	0.18
14.77	8819	0.24
14.97	3515157	96.39
15.35	9340	0.26
17.07	23150	0.63
Totals		3646932
		100.00