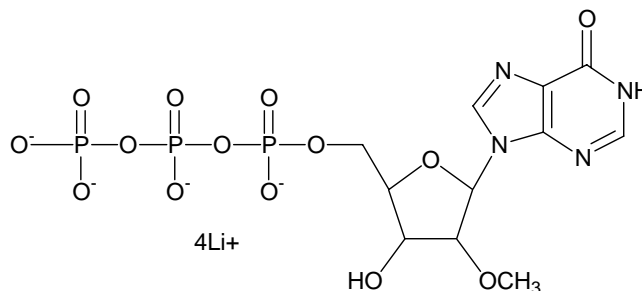


Compound**2'-O-Methylinosine-5'-Triphosphate**Molecular Formula: $C_{11}H_{13}N_4O_{13}P_3$ (free acid)

Lot Number: N-1021-112805

**Catalog # (Pack Size)**N-1021-1 (1 μ mole)
N-1021-5 (5 μ moles)
N-1021-10 (10 μ moles)
N-1021-BK (Bulk amount)**Packaged As**100 mM solution in H_2O **Purity**97.7% by AX-HPLC
100% by ^{31}P 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

 ^{31}P NMR 1H NMRMass Spec

Mass Found: 521.0 amu; Pass

UV Spec**Attachments**

AX-HPLC

Comments

Molecular weight = 522.3 g/mole (free acid)

Extinction coefficient = 12,200 $Lmol^{-1}cm^{-1}$ at 248 nm

Lithium salt form

Store at $-20^\circ C$

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

Released By

QA

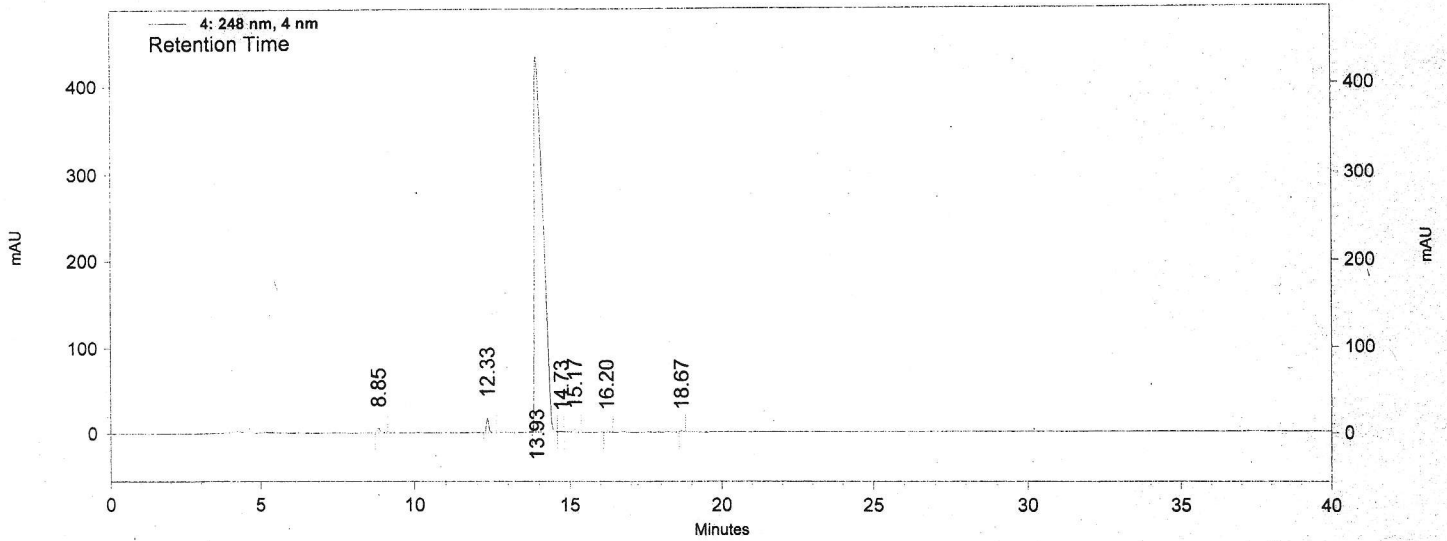
December 23, 2009

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 : N1021-112805
Acquired : 12/21/2009 11:55:38 PM

C:\32Karat\Projects\Default\Data\QXD12090104.dat



4: 248 nm, 4 nm Results

Retention Time	Area	Area Percent
8.85	38530	0.45
12.33	88278	1.03
13.93	8394053	97.70
14.73	9271	0.11
15.17	37724	0.44
16.20	12423	0.14
18.67	11670	0.14
Totals	8591949	100.00