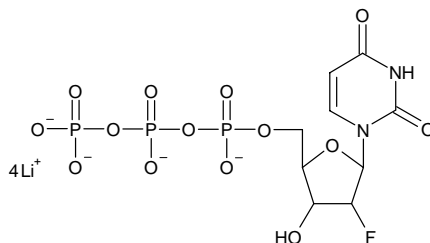


Compound**2'-Fluoro-2'-deoxyuridine-5'-Triphosphate**Molecular Formula: C₉H₁₄N₂O₁₄P₃F (free acid)

Lot Number: N1010-T1MH01A

**Catalog # (Pack size)**N-1010-1 (1 μmole)
N-1010-5 (5 μmoles)
N-1010-10 (10 μmoles)
N-1010-1G (1 gram)
N-1010-BK (Bulk amount)**Packaged As**100 mM solution in H₂O**Purity**97.3% by AX-HPLC
99.1% 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: 2.5 mM Tris Base in 1 M LiCl, pH 9-11

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

³¹P NMR¹H NMRMass Spec

Found Mass: 485.9 amu; Pass

UV Spec**Attachments**

AX-HPLC

Comments

Molecular weight = 486.1 g/mole (free acid)

Extinction coefficient = 10,100 Lmol⁻¹cm⁻¹ at 262 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

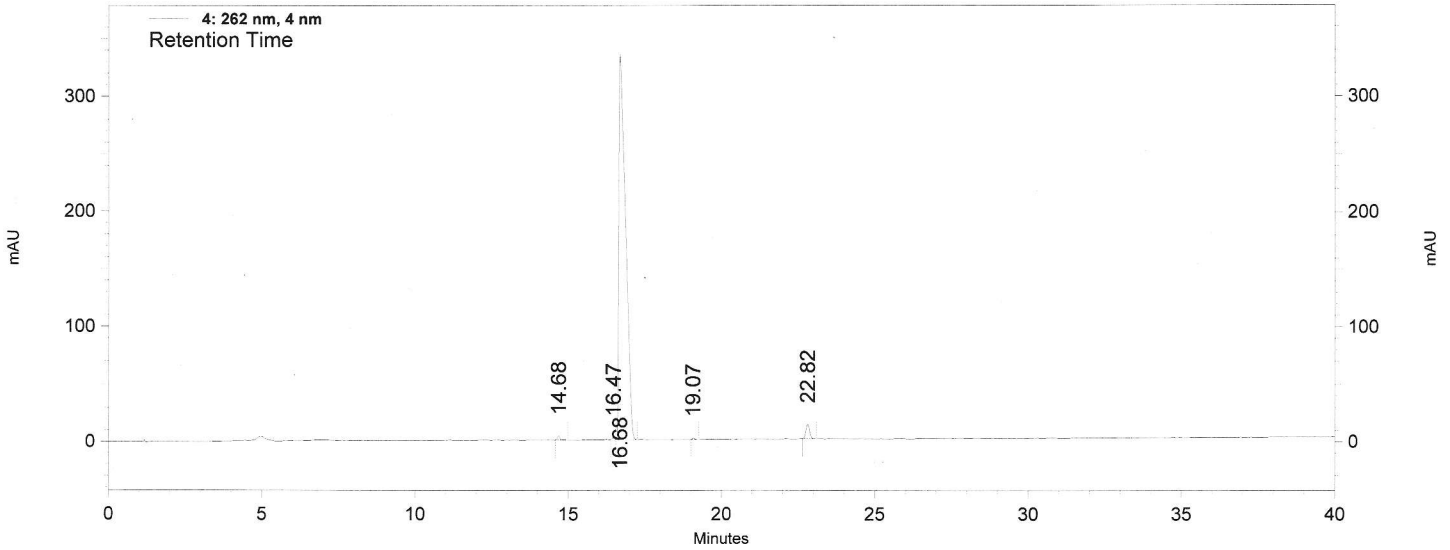
Date

Final Data
Released: AP
Date: 02/08/10

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 : N1010 T1MH01A
Acquired : 2/5/2010 5:21:46 PM

C:\32Karat\Projects\Default\Data\QD0210\QXD\QXD0210-0030.dat



4: 262 nm, 4 nm Results

| Retention Time | Area | Area Percent |
|----------------|----------------|---------------|
| 14.68 | 20117 | 0.38 |
| 16.47 | 8912 | 0.17 |
| 16.68 | 5103227 | 97.36 |
| 19.07 | 5505 | 0.11 |
| 22.82 | 103759 | 1.98 |
| Totals | 5241520 | 100.00 |