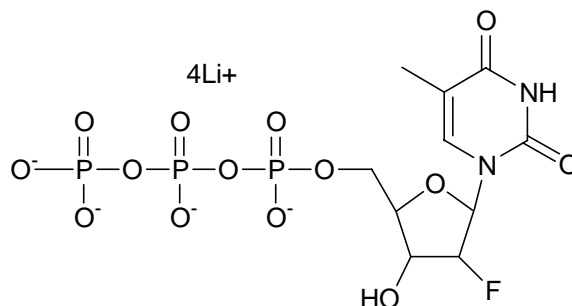


**Compound****2'-Fluoro-2'-deoxythymidine-5'-Triphosphate**Molecular Formula: C<sub>10</sub>H<sub>16</sub>N<sub>2</sub>O<sub>14</sub>FP<sub>3</sub> (free acid)

Lot Number: N-1055-120701

**Catalog # (Pack size)**N-1055-1 (1 μmole)  
N-1055-5 (5 μmoles)  
N-1055-10 (10 μmoles)  
N-1055-BK (Bulk amount)**Packaged As**100 mM solution in H<sub>2</sub>O**Purity**97.9% by AX-HPLC  
100% by <sup>31</sup>P NMR**Method of Analysis**AX-HPLCColumn: 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/minute<sup>31</sup>P NMRMass Spec

Mass Found: 499.0 amu; Pass

UV Spec**Attachments**

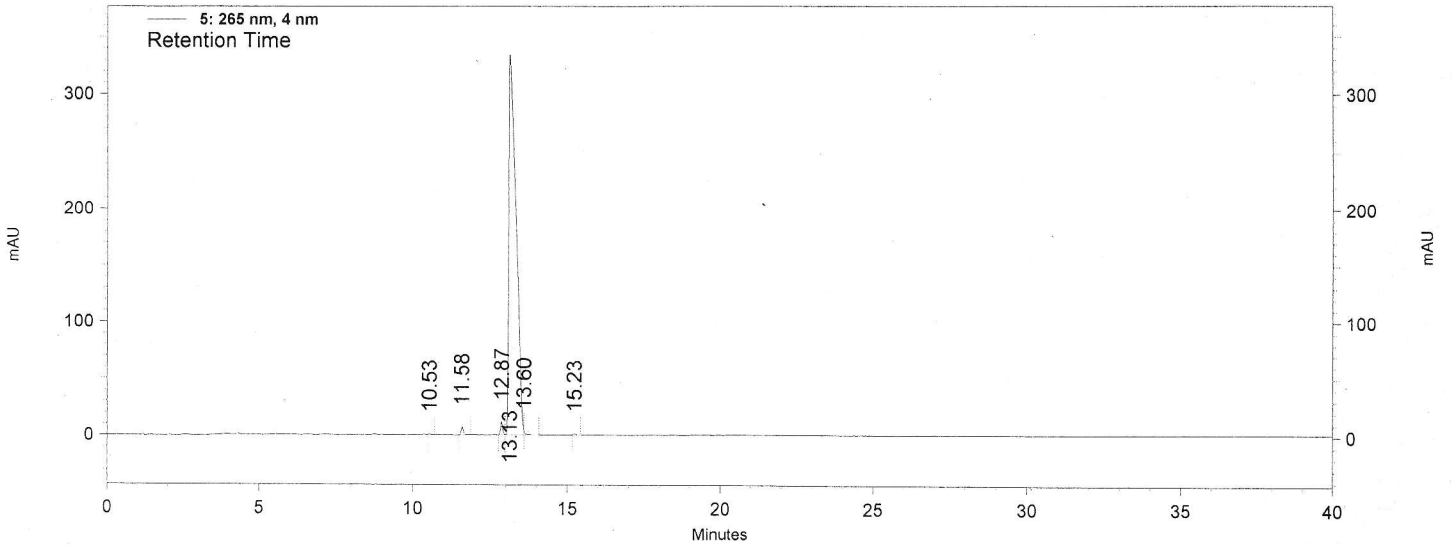
AX-HPLC

**Comments**Molecular weight = 500.2 g/mole (free acid)  
Extinction coefficient = 9,650 Lmol<sup>-1</sup>cm<sup>-1</sup> at 265nm  
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**  
QADecember 14, 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** : N1055-120701  
**Acquired** : 12/24/2009 4:27:37 AM

C:\32Karat\Projects\Default\Data\QD1209\QXD\QXD1209-0140.dat



5: 265 nm, 4 nm Results

Retention Time	Area	Area Percent
10.53	5076	0.09
11.58	35379	0.64
12.87	54728	0.99
13.13	5440189	97.97
13.60	10804	0.19
15.23	6800	0.12
<b>Totals</b>	<b>5552976</b>	<b>100.00</b>