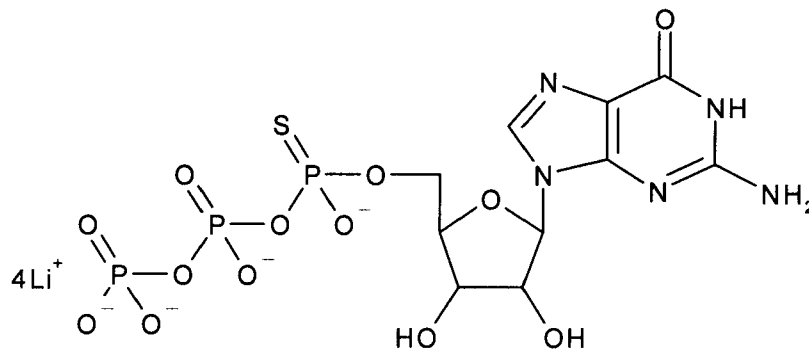


**(1-Thio)-GTP**
**N-8007**


Guanosine-5'-O-(1-Thiotriphosphate)

## Product Information

**Catalog # (Pack Size):** N-8007-1 (1 umole)

N-8007-5 (5 umoles)

N-8007-10 (10 umoles)

N-8007-BK (Bulk Amount)

**Packaged As:** 100 mM in H<sub>2</sub>O

**Recommended Storage:** -20°C or below

**Manufacturing Lot #:** N8007-T1OM01A

**Packaging Lot #:** N8007-T1OM01A-2

**Extinction Coefficient:** 13,600 Lmol<sup>-1</sup>cm<sup>-1</sup> @ 251 nm

**Molecular Weight:** 539.2 g/mole (free acid)

**Molecular Formula:** C<sub>10</sub>H<sub>16</sub>N<sub>5</sub>O<sub>13</sub>P<sub>3</sub>S (free acid)

**Final Salt Form:** Li<sup>+</sup>
**Handling:** Avoid repeated freeze/thaw cycles.  
 Upon first use, it is recommended to aliquot sample into single use portions.

## QC Analysis

**Method of Analysis:**
**Results:**
**Manufacturing Lot:** AX-HPLC

Passes

<sup>31</sup>P NMR

Passes

<sup>1</sup>H NMR

Passes

Mass Spec

Passes

UV-Spec

Passes

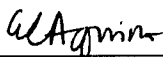
**Packaging Lot:** AX-HPLC

98.6%

## QA Approval

**Approved By:**

QA


11/18/2013

Date

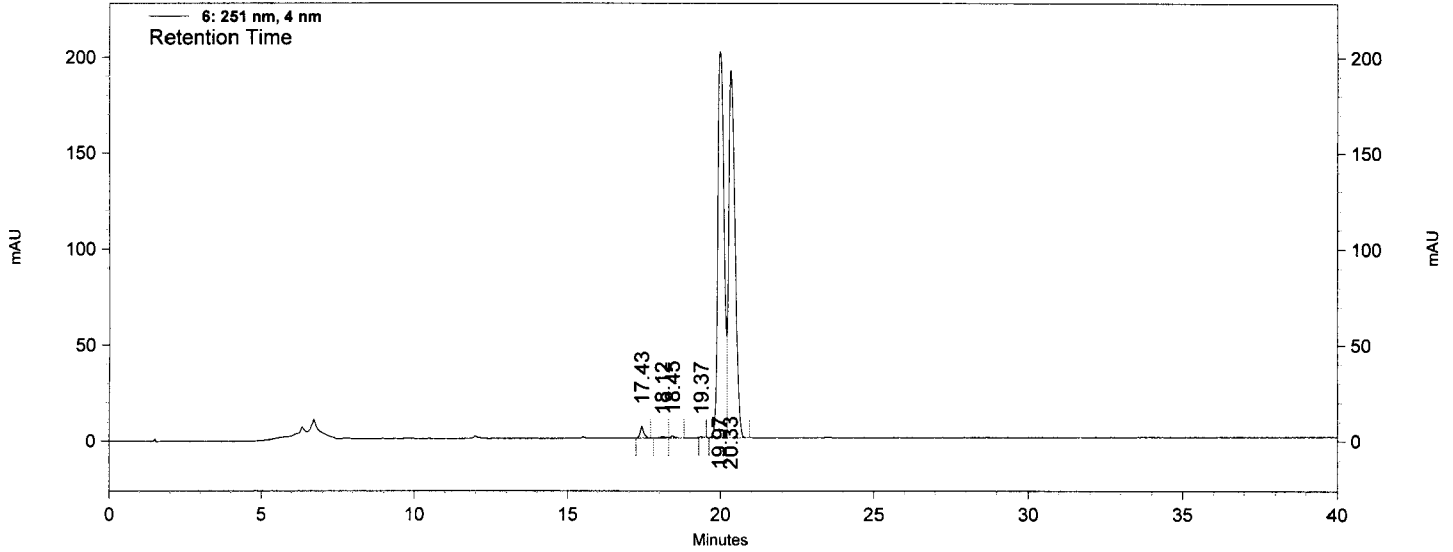
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The Modified Nucleic Acid Experts

AX-HPLC : QTP-2021      Revision: 002

Sample ID : N8007-T1OM01A-2  
Injection : 15 µL  
Acquired : 11/13/2013 9:14:13 PM

\\Server6\shared\QC\HPLC Data\QD1113\QC\QC1113-0192.dat



6: 251 nm, 4 nm Results		
Retention Time	Area	Area Percent
17.43	51682	0.90
18.12	9176	0.16
18.45	11224	0.20
19.37	4060	0.07
19.97	2879903	50.35
20.33	2763783	48.32
Totals		
	5719828	100.00