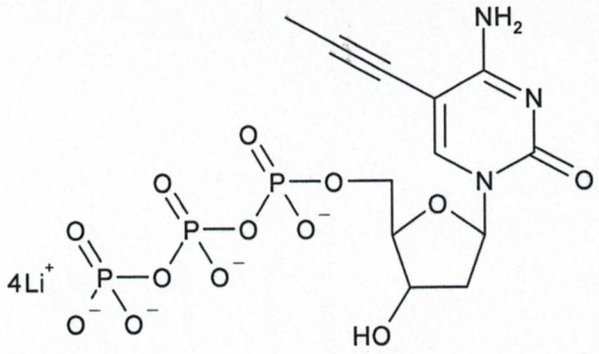
TriLink BIOTECHNOLOGIES
part of Maravai LifeSciences

Certificate of Analysis

5-Propynyl-2'-dCTP

N-2016



5-Propynyl-2'-deoxycytidine-5'-Triphosphate

Product Information

Catalog # (Pack Size):	N-2016-1 (1 µmole)	**Manufacturing Lot #:**	T1-CLF01A
	N-2016-5 (5 µmole)	**Extinction Coefficient:**	9,500 $Lmol^{-1}cm^{-1}$ @ 295 nm
	N-2016-10 (10 µmole)	**Molecular Weight:**	505.2 g/mole (free acid)
	N-2016-BK (Bulk Amount)	**Molecular Formula:**	$C_{12}H_{18}N_3O_{13}P_3$ (free acid)
		Final Salt Form:	Li+
Packaged As:	100 mM in H_2O	**Handling:**	Avoid repeated freeze/thaw cycles. Upon first use, it is recommended to aliquot sample into single use portions.
Recommended Storage:	-20°C or below		

QC Analysis

	Method of Analysis:	Results:
Manufacturing Lot:	AX-HPLC	98.7%
	^{31}P NMR	100%
	Mass Spec	504.9 amu
	H NMR	Passes
	UV Spec	Passes

QA Approval

Approved By: GeAzquino
QA

8/1/2017
Date

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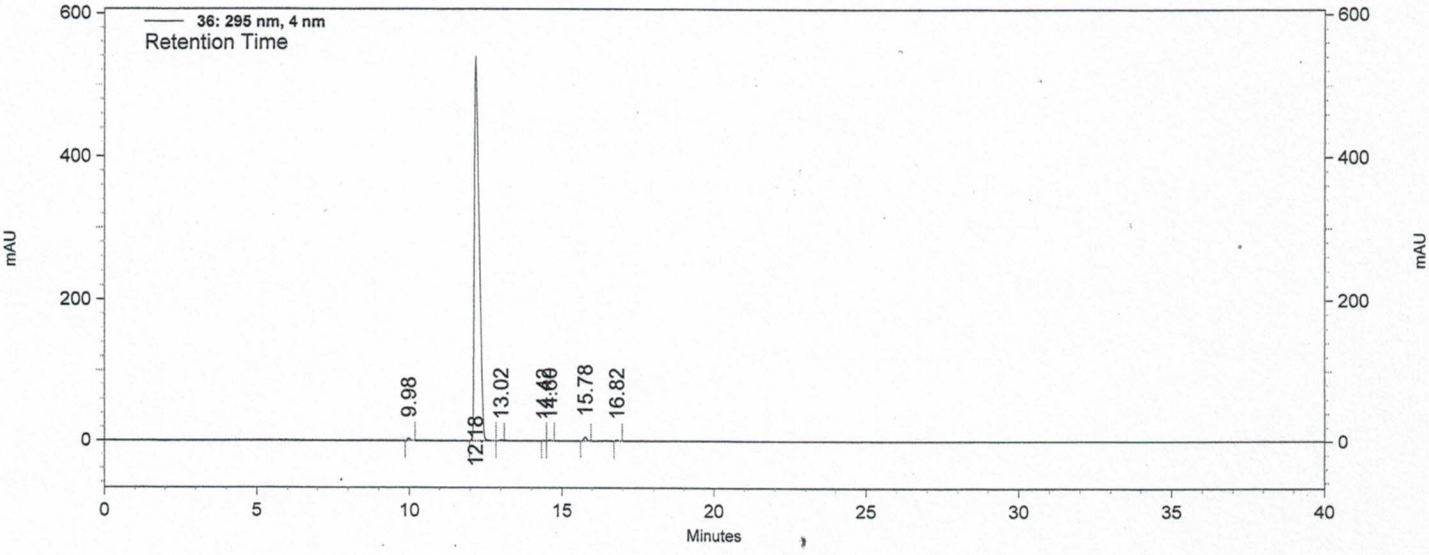
Final Data
Released By NS
Date 7/26/17

AX-HPLC : QTP-2021 Revision: 002

Sample ID : N-2016 T1-CLF01A
Injection : 15 µL
Acquired : 7/26/2017 12:11:59 PM

\\Server6\Shared\QC\HPLC Data\2017\QX0717\QCD\QCD0717-0264.dat



36: 295 nm, 4 nm Results

Retention Time	Area	Area Percent
9.98	16505	0.28
12.18	5816108	98.77
13.02	5852	0.10
14.42	1857	0.03
14.60	4578	0.08
15.78	37166	0.63
16.82	6407	0.11

Totals		
	5888473	100.00