

**Experiment Number:** 88073-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

**Test Compound:** 2',3'-Dideoxycytidine

**CAS Number:** 7481-89-2

**Date Report Requested:** 10/22/2014

**Time Report Requested:** 02:48:56

**First Dose M/F:** NA / NA

**Lab:** SRI

<b>C Number:</b>	C88073B
<b>Lock Date:</b>	02/05/1993
<b>Cage Range:</b>	All
<b>Date Range:</b>	All
<b>Reasons For Removal:</b>	All
<b>Removal Date Range:</b>	All
<b>Treatment Groups:</b>	All
<b>Study Gender:</b>	Female
<b>PWG Approval Date</b>	NONE

**Experiment Number:** 88073-03

**Test Type:** 90-DAY

**Route:** GAVAGE

**Species/Strain:** Mouse/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

**Test Compound:** 2',3'-Dideoxycytidine

**CAS Number:** 7481-89-2

**Date Report Requested:** 10/22/2014

**Time Report Requested:** 02:48:56

**First Dose M/F:** NA / NA

**Lab:** SRI

**SUMMARY OF STATISTICALLY SIGNIFICANT ( $P \leq .05$ ) RESULTS IN THE ANALYSIS OF 2',3'-DIDEOXYCYTIDINE**

**FEMALE MOUSE**

**Organ**

Kidney

Stomach, Forestomach

Stomach, Forestomach: Epithelium

Thyroid Gland

**Morphology**

Casts Protein

Ulcer

Hyperplasia

Degeneration Cystic

**Experiment Number:** 88073-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

**Test Compound:** 2',3'-Dideoxycytidine  
**CAS Number:** 7481-89-2

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 02:48:56  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)  
 LAST REMOVAL AT 25 WEEKS**

DOSE	FEMALE		
	VEHICLE CONTROL	500 MG/KG	1000 MG/KG
<b>Adrenal Cortex</b>			
<b>Accessory Adrenal Cortical Nodule</b>			
<b>LESION RATES</b>			
<b>OVERALL(a)</b>	2/50 (4%)	6/50 (12%)	4/50 (8%)
<b>POLY-3 RATE (b)</b>	2/50.00	6/50.00	4/48.63
<b>POLY-3 PERCENT (g)</b>	4%	12%	8.2%
<b>TERMINAL (d)</b>	2/50 (4%)	6/50 (12%)	2/44 (5%)
<b>FIRST INCIDENCE</b>	183(T)	183(T)	150
<b>STATISTICAL TESTS</b>			
<b>POLY 3</b>	P=0.274	P=0.134	P=0.325
<b>POLY 1.5</b>	P=0.281	P=0.134	P=0.330
<b>POLY 6</b>	P=0.266	P=0.134	P=0.318
<b>COCH-ARM / FISHERS</b>	P=0.290	P=0.134	P=0.339
<b>MAX-ISO-POLY-3</b>	P=0.189	P=0.070	P=0.195
<b>HISTCONT SAME RTE</b>			
<b>HISTCONT ALL RTES</b>			
<b>CURR VS HC SAME RTE</b>			
<b>CURR VS HC ALL RTES</b>			

Experiment Number: 88073-03  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: Mouse/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Test Compound: 2',3'-Dideoxycytidine  
 CAS Number: 7481-89-2

Date Report Requested: 10/22/2014  
 Time Report Requested: 02:48:56  
 First Dose M/F: NA / NA  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)  
 LAST REMOVAL AT 25 WEEKS**

DOSE	FEMALE		
	VEHICLE CONTROL	500 MG/KG	1000 MG/KG
<b>Kidney</b>			
<b>Casts Protein</b>			
<b>LESION RATES</b>			
OVERALL(a)	3/50 (6%)	7/50 (14%)	9/50 (18%)
POLY-3 RATE (b)	3/50.00	7/50.00	9/48.23
POLY-3 PERCENT (g)	6%	14%	18.7%
TERMINAL (d)	3/50 (6%)	7/50 (14%)	8/44 (18%)
FIRST INCIDENCE	183(T)	183(T)	171
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.042*	P=0.159	P=0.052
POLY 1.5	P=0.045*	P=0.159	P=0.056
POLY 6	P=0.039*	P=0.159	P=0.048*
COCH-ARM / FISHERS	P=0.049*	P=0.159	P=0.061
MAX-ISO-POLY-3	P=0.043*	P=0.092	P=0.029*
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 88073-03  
Test Type: 90-DAY  
Route: GAVAGE  
Species/Strain: Mouse/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: 2',3'-Dideoxycytidine  
CAS Number: 7481-89-2

Date Report Requested: 10/22/2014  
Time Report Requested: 02:48:56  
First Dose M/F: NA / NA  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)  
LAST REMOVAL AT 25 WEEKS**

DOSE	FEMALE		
	VEHICLE CONTROL	500 MG/KG	1000 MG/KG
<b>Kidney: Renal Tubule Regeneration</b>			
<b>LESION RATES</b>			
OVERALL(a)	3/50 (6%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	3/50.00	1/50.00	2/48.04
POLY-3 PERCENT (g)	6%	2%	4.2%
TERMINAL (d)	3/50 (6%)	1/50 (2%)	2/44 (5%)
FIRST INCIDENCE	183(T)	183(T)	183(T)
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.413N	P=0.306N	P=0.518N
POLY 1.5	P=0.408N	P=0.306N	P=0.510N
POLY 6	P=0.421N	P=0.306N	P=0.528N
COCH-ARM / FISHERS	P=0.399N	P=0.309N	P=0.500N
MAX-ISO-POLY-3	P=0.331N	P=0.156N	P=0.344N
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

**Experiment Number:** 88073-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
**Test Compound:** 2',3'-Dideoxycytidine  
**CAS Number:** 7481-89-2

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 02:48:56  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)**  
**LAST REMOVAL AT 25 WEEKS**

DOSE	FEMALE		
	VEHICLE CONTROL	500 MG/KG	1000 MG/KG
<b>Liver</b>			
<b>Basophilic Focus</b>			
<b>LESION RATES</b>			
<b>OVERALL(a)</b>	2/50 (4%)	0/50 (0%)	0/50 (0%)
<b>POLY-3 RATE (b)</b>	2/50.00	0/50.00	0/48.04
<b>POLY-3 PERCENT (g)</b>	4%	0%	0%
<b>TERMINAL (d)</b>	2/50 (4%)	0/50 (0%)	0/44 (0%)
<b>FIRST INCIDENCE</b>	183(T)	---	---
<b>STATISTICAL TESTS</b>			
<b>POLY 3</b>	P=0.098N	P=0.237N	P=0.246N
<b>POLY 1.5</b>	P=0.097N	P=0.237N	P=0.243N
<b>POLY 6</b>	P=0.100N	P=0.237N	P=0.252N
<b>COCH-ARM / FISHERS</b>	P=0.095N	P=0.247N	P=0.247N
<b>MAX-ISO-POLY-3</b>	P=0.062N	P=0.077N	P=0.085N
<b>HISTCONT SAME RTE</b>			
<b>HISTCONT ALL RTES</b>			
<b>CURR VS HC SAME RTE</b>			
<b>CURR VS HC ALL RTES</b>			

**Experiment Number:** 88073-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

**Test Compound:** 2',3'-Dideoxycytidine  
**CAS Number:** 7481-89-2

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 02:48:56  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)  
 LAST REMOVAL AT 25 WEEKS**

DOSE	FEMALE		
	VEHICLE CONTROL	500 MG/KG	1000 MG/KG
<b>Liver: Hepatocyte</b>			
<b>Vacuolization Cytoplasmic</b>			
<b>LESION RATES</b>			
<b>OVERALL(a)</b>	0/50 (0%)	0/50 (0%)	2/50 (4%)
<b>POLY-3 RATE (b)</b>	0/50.00	0/50.00	2/48.04
<b>POLY-3 PERCENT (g)</b>	0%	0%	4.2%
<b>TERMINAL (d)</b>	0/50 (0%)	0/50 (0%)	2/44 (5%)
<b>FIRST INCIDENCE</b>	---	---	183(T)
<b>STATISTICAL TESTS</b>			
<b>POLY 3</b>	P=0.094	(e)	P=0.229
<b>POLY 1.5</b>	P=0.094	(e)	P=0.232
<b>POLY 6</b>	P=0.094	(e)	P=0.224
<b>COCH-ARM / FISHERS</b>	P=0.095	(e)	P=0.247
<b>MAX-ISO-POLY-3</b>	P=0.053	(e)	P=0.077
<b>HISTCONT SAME RTE</b>			
<b>HISTCONT ALL RTES</b>			
<b>CURR VS HC SAME RTE</b>			
<b>CURR VS HC ALL RTES</b>			

Experiment Number: 88073-03  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: Mouse/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: 2',3'-Dideoxycytidine  
 CAS Number: 7481-89-2

Date Report Requested: 10/22/2014  
 Time Report Requested: 02:48:56  
 First Dose M/F: NA / NA  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)  
 LAST REMOVAL AT 25 WEEKS**

DOSE	FEMALE		
	VEHICLE CONTROL	500 MG/KG	1000 MG/KG
<b>Lung</b>			
<b>Hemorrhage</b>			
<b>LESION RATES</b>			
OVERALL(a)	1/50 (2%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	1/50.00	1/50.00	2/48.18
POLY-3 PERCENT (g)	2%	2%	4.2%
TERMINAL (d)	1/50 (2%)	1/50 (2%)	1/44 (2%)
FIRST INCIDENCE	183(T)	183(T)	174
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.371	P=0.760	P=0.487
POLY 1.5	P=0.375	P=0.760	P=0.493
POLY 6	P=0.367	P=0.760	P=0.480
COCH-ARM / FISHERS	P=0.378	P=0.753N	P=0.500
MAX-ISO-POLY-3	P=0.365	P=1.000	P=0.273
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			



Experiment Number: 88073-03  
Test Type: 90-DAY  
Route: GAVAGE  
Species/Strain: Mouse/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: 2',3'-Dideoxycytidine

CAS Number: 7481-89-2

Date Report Requested: 10/22/2014

Time Report Requested: 02:48:56

First Dose M/F: NA / NA

Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)  
LAST REMOVAL AT 25 WEEKS**

DOSE	FEMALE		
	VEHICLE CONTROL	500 MG/KG	1000 MG/KG
Ovary			
Cyst			
<b>LESION RATES</b>			
OVERALL(a)	3/50 (6%)	1/50 (2%)	2/50 (4%)
POLY-3 RATE (b)	3/50.00	1/50.00	2/48.04
POLY-3 PERCENT (g)	6%	2%	4.2%
TERMINAL (d)	3/50 (6%)	1/50 (2%)	2/44 (5%)
FIRST INCIDENCE	183(T)	183(T)	183(T)
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.413N	P=0.306N	P=0.518N
POLY 1.5	P=0.408N	P=0.306N	P=0.510N
POLY 6	P=0.421N	P=0.306N	P=0.528N
COCH-ARM / FISHERS	P=0.399N	P=0.309N	P=0.500N
MAX-ISO-POLY-3	P=0.331N	P=0.156N	P=0.344N
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 88073-03  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: Mouse/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Test Compound: 2',3'-Dideoxycytidine  
 CAS Number: 7481-89-2

Date Report Requested: 10/22/2014  
 Time Report Requested: 02:48:56  
 First Dose M/F: NA / NA  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)  
 LAST REMOVAL AT 25 WEEKS**

DOSE	FEMALE		
	VEHICLE CONTROL	500 MG/KG	1000 MG/KG
<b>Parathyroid Gland</b>			
<b>Cyst</b>			
<b>LESION RATES</b>			
OVERALL(a)	2/47 (4%)	4/47 (9%)	0/45 (0%)
POLY-3 RATE (b)	2/47.00	4/47.00	0/43.72
POLY-3 PERCENT (g)	4.3%	8.5%	0%
TERMINAL (d)	2/47 (4%)	4/47 (9%)	0/40 (0%)
FIRST INCIDENCE	183(T)	183(T)	---
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.248N	P=0.338	P=0.254N
POLY 1.5	P=0.241N	P=0.338	P=0.251N
POLY 6	P=0.259N	P=0.338	P=0.258N
COCH-ARM / FISHERS	P=0.234N	P=0.339	P=0.258N
MAX-ISO-POLY-3	P=0.099N	P=0.201	P=0.090N
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 88073-03  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: Mouse/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Test Compound: 2',3'-Dideoxycytidine  
 CAS Number: 7481-89-2

Date Report Requested: 10/22/2014  
 Time Report Requested: 02:48:56  
 First Dose M/F: NA / NA  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)  
 LAST REMOVAL AT 25 WEEKS**

DOSE	FEMALE		
	VEHICLE CONTROL	500 MG/KG	1000 MG/KG
<b>Salivary Glands</b>			
<b>Infiltration Cellular Lymphocyte</b>			
<b>LESION RATES</b>			
OVERALL(a)	4/50 (8%)	4/50 (8%)	1/50 (2%)
POLY-3 RATE (b)	4/50.00	4/50.00	1/48.04
POLY-3 PERCENT (g)	8%	8%	2.1%
TERMINAL (d)	4/50 (8%)	4/50 (8%)	1/44 (2%)
FIRST INCIDENCE	183(T)	183(T)	183(T)
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.162N	P=0.642	P=0.192N
POLY 1.5	P=0.155N	P=0.642	P=0.186N
POLY 6	P=0.171N	P=0.642	P=0.199N
COCH-ARM / FISHERS	P=0.146N	P=0.643N	P=0.181N
MAX-ISO-POLY-3	P=0.161N	P=1.000	P=0.097N
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 88073-03  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: Mouse/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: 2',3'-Dideoxycytidine  
 CAS Number: 7481-89-2

Date Report Requested: 10/22/2014  
 Time Report Requested: 02:48:56  
 First Dose M/F: NA / NA  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)  
 LAST REMOVAL AT 25 WEEKS**

DOSE	FEMALE		
	VEHICLE CONTROL	500 MG/KG	1000 MG/KG
<b>Skin</b>			
<b>Inflammation Chronic</b>			
<b>LESION RATES</b>			
OVERALL(a)	1/50 (2%)	3/50 (6%)	0/50 (0%)
POLY-3 RATE (b)	1/50.00	3/50.00	0/48.04
POLY-3 PERCENT (g)	2%	6%	0%
TERMINAL (d)	1/50 (2%)	3/50 (6%)	0/44 (0%)
FIRST INCIDENCE	183(T)	183(T)	---
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.401N	P=0.306	P=0.508N
POLY 1.5	P=0.391N	P=0.306	P=0.505N
POLY 6	P=0.415N	P=0.306	P=0.513N
COCH-ARM / FISHERS	P=0.378N	P=0.309	P=0.500N
MAX-ISO-POLY-3	P=0.161N	P=0.156	P=0.169N
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 88073-03  
Test Type: 90-DAY  
Route: GAVAGE  
Species/Strain: Mouse/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: 2',3'-Dideoxycytidine  
CAS Number: 7481-89-2

Date Report Requested: 10/22/2014  
Time Report Requested: 02:48:56  
First Dose M/F: NA / NA  
Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)  
LAST REMOVAL AT 25 WEEKS**

DOSE	FEMALE		
	VEHICLE CONTROL	500 MG/KG	1000 MG/KG
<b>Skin: Epidermis</b>			
<b>Hyperplasia</b>			
<b>LESION RATES</b>			
OVERALL(a)	1/50 (2%)	4/50 (8%)	0/50 (0%)
POLY-3 RATE (b)	1/50.00	4/50.00	0/48.04
POLY-3 PERCENT (g)	2%	8%	0%
TERMINAL (d)	1/50 (2%)	4/50 (8%)	0/44 (0%)
FIRST INCIDENCE	183(T)	183(T)	---
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.416N	P=0.180	P=0.508N
POLY 1.5	P=0.405N	P=0.180	P=0.505N
POLY 6	P=0.432N	P=0.180	P=0.513N
COCH-ARM / FISHERS	P=0.390N	P=0.181	P=0.500N
MAX-ISO-POLY-3	P=0.121N	P=0.085	P=0.169N
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 88073-03  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: Mouse/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Test Compound: 2',3'-Dideoxycytidine  
 CAS Number: 7481-89-2

Date Report Requested: 10/22/2014  
 Time Report Requested: 02:48:56  
 First Dose M/F: NA / NA  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)  
 LAST REMOVAL AT 25 WEEKS**

DOSE	FEMALE		
	VEHICLE CONTROL	500 MG/KG	1000 MG/KG
<b>Spleen</b>			
<b>Hematopoietic Cell Proliferation</b>			
<b>LESION RATES</b>			
OVERALL(a)	2/50 (4%)	0/50 (0%)	1/50 (2%)
POLY-3 RATE (b)	2/50.00	0/50.00	1/48.04
POLY-3 PERCENT (g)	4%	0%	2.1%
TERMINAL (d)	2/50 (4%)	0/50 (0%)	1/44 (2%)
FIRST INCIDENCE	183(T)	---	183(T)
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.369N	P=0.237N	P=0.514N
POLY 1.5	P=0.365N	P=0.237N	P=0.508N
POLY 6	P=0.373N	P=0.237N	P=0.522N
COCH-ARM / FISHERS	P=0.360N	P=0.247N	P=0.500N
MAX-ISO-POLY-3	P=0.214N	P=0.077N	P=0.296N
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 88073-03  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: Mouse/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: 2',3'-Dideoxycytidine  
 CAS Number: 7481-89-2

Date Report Requested: 10/22/2014  
 Time Report Requested: 02:48:56  
 First Dose M/F: NA / NA  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)  
 LAST REMOVAL AT 25 WEEKS**

DOSE	FEMALE		
	VEHICLE CONTROL	500 MG/KG	1000 MG/KG
<b>Stomach, Forestomach</b>			
<b>Ulcer</b>			
<b>LESION RATES</b>			
OVERALL(a)	0/50 (0%)	0/50 (0%)	3/50 (6%)
POLY-3 RATE (b)	0/50.00	0/50.00	3/48.68
POLY-3 PERCENT (g)	0%	0%	6.2%
TERMINAL (d)	0/50 (0%)	0/50 (0%)	1/44 (2%)
FIRST INCIDENCE	---	---	150
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.035*	(e)	P=0.114
POLY 1.5	P=0.035*	(e)	P=0.116
POLY 6	P=0.035*	(e)	P=0.112
COCH-ARM / FISHERS	P=0.037*	(e)	P=0.121
MAX-ISO-POLY-3	P=0.019*	(e)	P=0.039*
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 88073-03  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: Mouse/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

Test Compound: 2',3'-Dideoxycytidine  
 CAS Number: 7481-89-2

Date Report Requested: 10/22/2014  
 Time Report Requested: 02:48:56  
 First Dose M/F: NA / NA  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)  
 LAST REMOVAL AT 25 WEEKS**

DOSE	FEMALE		
	VEHICLE CONTROL	500 MG/KG	1000 MG/KG
<b>Stomach, Forestomach: Epithelium</b>			
<b>Hyperplasia</b>			
<b>LESION RATES</b>			
OVERALL(a)	0/50 (0%)	0/50 (0%)	7/50 (14%)
POLY-3 RATE (b)	0/50.00	0/50.00	7/49.63
POLY-3 PERCENT (g)	0%	0%	14.1%
TERMINAL (d)	0/50 (0%)	0/50 (0%)	2/44 (5%)
FIRST INCIDENCE	---	---	126
<b>STATISTICAL TESTS</b>			
POLY 3	P<0.001**	(e)	P=0.007**
POLY 1.5	P<0.001**	(e)	P=0.008**
POLY 6	P<0.001**	(e)	P=0.007**
COCH-ARM / FISHERS	P<0.001**	(e)	P=0.006**
MAX-ISO-POLY-3	P=0.000**	(e)	P=0.003**
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			



Experiment Number: 88073-03  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: Mouse/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Test Compound: 2',3'-Dideoxycytidine  
 CAS Number: 7481-89-2

Date Report Requested: 10/22/2014  
 Time Report Requested: 02:48:56  
 First Dose M/F: NA / NA  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)  
 LAST REMOVAL AT 25 WEEKS**

DOSE	FEMALE		
	VEHICLE CONTROL	500 MG/KG	1000 MG/KG
<b>Thyroid Gland</b>			
<b>Degeneration Cystic</b>			
<b>LESION RATES</b>			
OVERALL(a)	4/50 (8%)	4/50 (8%)	10/50 (20%)
POLY-3 RATE (b)	4/50.00	4/50.00	10/48.37
POLY-3 PERCENT (g)	8%	8%	20.7%
TERMINAL (d)	4/50 (8%)	4/50 (8%)	8/44 (18%)
FIRST INCIDENCE	183(T)	183(T)	171
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.040*	P=0.642	P=0.064
POLY 1.5	P=0.042*	P=0.642	P=0.068
POLY 6	P=0.038*	P=0.642	P=0.060
COCH-ARM / FISHERS	P=0.045*	P=0.643N	P=0.074
MAX-ISO-POLY-3	P=0.037*	P=1.000	P=0.038*
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

Experiment Number: 88073-03  
 Test Type: 90-DAY  
 Route: GAVAGE  
 Species/Strain: Mouse/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**  
 Test Compound: 2',3'-Dideoxycytidine  
 CAS Number: 7481-89-2

Date Report Requested: 10/22/2014  
 Time Report Requested: 02:48:56  
 First Dose M/F: NA / NA  
 Lab: SRI

**STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS IN MOUSE(B6C3F1)  
 LAST REMOVAL AT 25 WEEKS**

DOSE	FEMALE		
	VEHICLE CONTROL	500 MG/KG	1000 MG/KG
<b>Uterus</b>			
<b>Hyperplasia Cystic</b>			
<b>LESION RATES</b>			
OVERALL(a)	34/50 (68%)	26/50 (52%)	31/50 (62%)
POLY-3 RATE (b)	34/50.00	26/50.00	31/48.18
POLY-3 PERCENT (g)	68%	52%	64.3%
TERMINAL (d)	34/50 (68%)	26/50 (52%)	30/44 (68%)
FIRST INCIDENCE	183(T)	183(T)	174
<b>STATISTICAL TESTS</b>			
POLY 3	P=0.380N	P=0.076N	P=0.432N
POLY 1.5	P=0.348N	P=0.076N	P=0.391N
POLY 6	P=0.425N	P=0.076N	P=0.488N
COCH-ARM / FISHERS	P=0.304N	P=0.076N	P=0.338N
MAX-ISO-POLY-3	P=0.223N	P=0.051N	P=0.353N
HISTCONT SAME RTE			
HISTCONT ALL RTES			
CURR VS HC SAME RTE			
CURR VS HC ALL RTES			

**Experiment Number:** 88073-03  
**Test Type:** 90-DAY  
**Route:** GAVAGE  
**Species/Strain:** Mouse/B6C3F1

**P10: STATISTICAL ANALYSIS OF NON-NEOPLASTIC LESIONS**

**Test Compound:** 2',3'-Dideoxycytidine  
**CAS Number:** 7481-89-2

**Date Report Requested:** 10/22/2014  
**Time Report Requested:** 02:48:56  
**First Dose M/F:** NA / NA  
**Lab:** SRI

**LEGEND**

- (a) Number of tumor-bearing animals/number of animals examined at site.
  - (b) Number of tumor-bearing animals/Poly-3 number
  - (d) Observed incidence at terminal kill.
  - (e) Value of statistic cannot be computed.
  - (f) Beneath the control incidence are the P-values associated with the trend test. Beneath the dosed group incidence are the P-values corresponding to pairwise comparisons between the controls and that dosed group.
  - (g) Poly-3 adjusted lifetime tumor incidence.
  - (n) No statistics are calculated if all dose groups have fewer than two tumors.
  - (I) Interim sacrifice
  - (T) Terminal sacrifice
  - # Tumor rates based on numbers of animals necropsied.
  - \* To the right of any statistical result, indicates significance at ( $P \leq 0.05$ ).
  - \*\* To the right of any statistical result, indicates significance at ( $P \leq 0.01$ ).
  - N Indicates a negative trend for all tests
- The Cochran-Armitage and Fishers exact tests compare directly the overall incidence rates.

**\*\* END OF REPORT \*\***