

Experiment Number: 88073-04
Test Type: 26-WEEK
Route: GAVAGE
Species/Strain: Mouse/B6C3F1

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
Test Compound: 2',3'-Dideoxycytidine
CAS Number: 7481-89-2

Date Report Requested: 10/18/2014
Time Report Requested: 15:27:57
First Dose M/F: NA / NA
Lab: SRI

C Number:	C88073C
Lock Date:	07/25/1995
Cage Range:	All
Date Range:	All
Reasons For Removal:	All
Removal Date Range:	All
Treatment Groups:	All
Study Gender:	Both
PWG Approval Date	NONE

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Male MOUSE
FIRST TERMINAL SACRIFICE AT 183 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = VEHICLE			
TOTAL 50	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 50
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 500 MG/KG/DY			
TOTAL 50	UNCENSORED DEATHS 1	CENSORED DEATHS 0	TERMINAL 49
UNCENSORED DEATH DAYS			
86			
CENSORED DEATH DAYS			
none			

DOSE = 1000 MG/KG/DY			
TOTAL 50	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 100
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

DOSE = 1000 MG/KG/DY			
TOTAL 50	UNCENSORED DEATHS 0	CENSORED DEATHS 0	TERMINAL 100
UNCENSORED DEATH DAYS			
none			
CENSORED DEATH DAYS			
none			

(A) FIRST TERMINAL SACRIFICE

(B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".

(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE

(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

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Male MOUSE
FIRST TERMINAL SACRIFICE AT 183 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	19	38	57	76	95	114	133	152	171	183(A)
VEHICLE	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500 MG/KG/DY	100.0	100.0	100.0	100.0	98.0	98.0	98.0	98.0	98.0	98.0
1000 MG/KG/DY	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000 MG/KG/DY	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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FIRST TERMINAL SACRIFICE AT 183 DAYS

SURVIVAL SUMMARY STATISTICS

DOSE	VEHICLE	500 MG/KG/DY	1000 MG/KG/DY	1000 MG/KG/DY
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	98.0%	100.0%	100.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=1.000N	P=1.000	-----	-----
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	.	86.0	.	.
	(.)	(.)	(.)	(.)
MEAN LIFE SPAN (D) (STANDARD ERROR)	183.0	181.1	183.0	183.0
	(0.0)	(1.9)	(0.0)	(0.0)

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Female MOUSE
FIRST TERMINAL SACRIFICE AT 187 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = VEHICLE									
TOTAL 50		UNCENSORED DEATHS 0			CENSORED DEATHS 0			TERMINAL 50	
UNCENSORED DEATH DAYS									
none									
CENSORED DEATH DAYS									
none									
DOSE = 500 MG/KG/DY									
TOTAL 50		UNCENSORED DEATHS 0			CENSORED DEATHS 0			TERMINAL 50	
UNCENSORED DEATH DAYS									
none									
CENSORED DEATH DAYS									
none									
DOSE = 1000 MG/KG/DY									
TOTAL 50		UNCENSORED DEATHS 9			CENSORED DEATHS 0			TERMINAL 91	
UNCENSORED DEATH DAYS									
141	148	162	162	162	169	169	173	183	
CENSORED DEATH DAYS									
none									
DOSE = 1000 MG/KG/DY									
TOTAL 50		UNCENSORED DEATHS 9			CENSORED DEATHS 0			TERMINAL 91	
UNCENSORED DEATH DAYS									
141	148	162	162	162	169	169	173	183	
CENSORED DEATH DAYS									
none									

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KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)

DOSE	TIME (DAYS)									
	19	38	57	76	95	114	133	152	171	187(A)
VEHICLE	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500 MG/KG/DY	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000 MG/KG/DY	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.0	86.0	82.0
1000 MG/KG/DY	100.0	100.0	100.0	100.0	100.0	100.0	100.0	96.0	86.0	82.0

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SURVIVAL SUMMARY STATISTICS

DOSE	VEHICLE	500 MG/KG/DY	1000 MG/KG/DY	1000 MG/KG/DY
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	100.0%	100.0%	82.0%	82.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.007	----	P=0.070	P=0.070
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	.	.	163.2	163.2
	(.)	(.)	(4.2)	(4.2)
MEAN LIFE SPAN (D) (STANDARD ERROR)	187.0	187.0	184.9	184.9
	(0.0)	(0.0)	(0.8)	(0.8)

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