

**Experiment Number:** 05069-11  
**Test Type:** INIT/PROMOT  
**Route:** DOSED WATER  
**Species/Strain:** Rat/F 344/N

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS  
ABRIDGED) (a)**

**Test Compound:** 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)  
**CAS Number:** 147-47-7

**Date Report Requested:** 10/18/2014  
**Time Report Requested:** 16:25:22  
**First Dose M/F:** NA / NA  
**Lab:** TSI MASON

**C Number:** C60902C  
**Lock Date:** Not Entered.  
**Cage Range:** All  
**Date Range:** All  
**Reasons For Removal:** All  
**Removal Date Range:** All  
**Treatment Groups:** All  
**Study Gender:** Male  
**PWG Approval Date:** NONE

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 Route: DOSED WATER  
 Species/Strain: Rat/F 344/N

**P05: INCIDENCE RATES OF NEOPLASMS BY ANATOMIC SITE (SYSTEMIC LESIONS ABRIDGED) (a)**

Test Compound: 1,2-Dihydro-2,2,4-trimethylquinoline (monomer)  
 CAS Number: 147-47-7

Date Report Requested: 10/18/2014  
 Time Report Requested: 16:25:22  
 First Dose M/F: NA / NA  
 Lab: TSI MASON

F 344/N Rat MALE	DEN/TMQ	DEN/ ACETONE	DEN/PB	TMQ/ ACETONE	TMQ/PB	SALINE/ ACETONE
<b>Disposition Summary</b>						
Animals Initially In Study	20	20	20	20	20	20
Early Deaths						
Survivors						
Terminal Sacrifice	20	20	20	20	20	20
Animals Examined Microscopically	20	20	20	20	20	20
<b>ALIMENTARY SYSTEM</b>						
Liver	(20)	(20)	(20)	(20)	(20)	(20)
Hepatocellular Adenoma	2 (10%)		10 (50%)			
Hepatocellular Carcinoma			4 (20%)			
<b>CARDIOVASCULAR SYSTEM</b>						
None						
<b>ENDOCRINE SYSTEM</b>						
None						
<b>GENERAL BODY SYSTEM</b>						
None						
<b>GENITAL SYSTEM</b>						
None						
<b>HEMATOPOIETIC SYSTEM</b>						
None						
<b>INTEGUMENTARY SYSTEM</b>						
None						
<b>MUSCULOSKELETAL SYSTEM</b>						
None						

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically

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<b>F 344/N Rat MALE</b>	<b>DEN/TMQ</b>	<b>DEN/ ACETONE</b>	<b>DEN/PB</b>	<b>TMQ/ ACETONE</b>	<b>TMQ/PB</b>	<b>SALINE/ ACETONE</b>
<b>NERVOUS SYSTEM</b>						
None						
<b>RESPIRATORY SYSTEM</b>						
None						
<b>SPECIAL SENSES SYSTEM</b>						
None						
<b>URINARY SYSTEM</b>						
None						

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<b>F 344/N Rat MALE</b>	<b>SALINE/ PB</b>
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**Disposition Summary**

<b>Animals Initially In Study</b>	<b>20</b>
<b>Early Deaths</b>	
<b>Survivors</b>	
<b>Terminal Sacrifice</b>	<b>20</b>
<b>Animals Examined Microscopically</b>	<b>20</b>

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ALIMENTARY SYSTEM

Liver	(20)
Hepatocellular Adenoma	
Hepatocellular Carcinoma	

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CARDIOVASCULAR SYSTEM

None

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ENDOCRINE SYSTEM

None

---

GENERAL BODY SYSTEM

None

---

GENITAL SYSTEM

None

---

HEMATOPOIETIC SYSTEM

None

---

INTEGUMENTARY SYSTEM

None

---

MUSCULOSKELETAL SYSTEM

None

a - Number of animals examined microscopically at site and number of animals with lesion

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**Lab:** TSI MASON

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<b>F 344/N Rat MALE</b>	<b>SALINE/ PB</b>
<hr/>	
NERVOUS SYSTEM	
None	
<hr/>	
RESPIRATORY SYSTEM	
None	
<hr/>	
SPECIAL SENSES SYSTEM	
None	
<hr/>	
URINARY SYSTEM	
None	
<hr/>	

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F 344/N Rat MALE	DEN/TMQ	DEN/ ACETONE	DEN/PB	TMQ/ ACETONE	TMQ/PB	SALINE/ ACETONE
<b>Tumor Summary for MALE</b>						
Total Animals with Primary Neoplasms (b)	1		7			
Total Primary Neoplasms	2		14			
Total Animals with Benign Neoplasms	1		5			
Total Benign Neoplasms	2		10			
Total Animals with Malignant Neoplasms			2			
Total Malignant Neoplasms			4			
Total Animals with Metastatic Neoplasms						
Total Metastatic Neoplasms						
Total Animals with Malignant Neoplasms Uncertain Primary Site						
Total Animals with Neoplasms Uncertain - Benign or Malignant						
Total Uncertain Neoplasms						

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**F 344/N Rat MALE**

**SALINE/ PB**

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**Tumor Summary for MALE**

**Total Animals with Primary Neoplasms (b)**

**Total Primary Neoplasms**

**Total Animals with Benign Neoplasms**

**Total Benign Neoplasms**

**Total Animals with Malignant Neoplasms**

**Total Malignant Neoplasms**

**Total Animals with Metastatic Neoplasms**

**Total Metastatic Neoplasms**

**Total Animals with Malignant Neoplasms  
Uncertain Primary Site**

**Total Animals with Neoplasms Uncertain -  
Benign or Malignant**

**Total Uncertain Neoplasms**

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

a - Number of animals examined microscopically at site and number of animals with lesion

b - Primary tumors: all tumors except metastatic tumors

\* Number of animals with any tissue examined microscopically