

Experiment Number: 672157

Test Type: Genetic Toxicology - Bacterial
Mutagenicity

G06: Ames Summary Data

Test Compound: 2-(4-Aminophenyl)-6-methyl-7-benzothiazole sulfonic acid
CAS Number: 130-17-6

Date Report Requested: 09/11/2018

Time Report Requested: 17:32:03

NTP Study Number:

672157

Study Result:

Positive

Experiment Number: 672157

G06: Ames Summary Data

Date Report Requested: 09/11/2018

Test Type: Genetic Toxicology - Bacterial
MutagenicityTest Compound: 2-(4-Aminophenyl)-6-methyl-7-benzothiazole sulfonic acid
CAS Number: 130-17-6

Time Report Requested: 17:32:03

Strain: TA100

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Rat S9	With 30% Hamster S9	With 30% Hamster S9
Vehicle Control ¹	106 ± 1.9	135 ± 2.3	161 ± 12.4	121 ± 3.8	140 ± 7.1
100.0	126 ± 1.7				
333.0	100 ± 6.0	150 ± 16.9	173 ± 9.6	143 ± 7.2	166 ± 6.5
1000.0	105 ± 8.2	221 ± 22.5	223 ± 12.8	234 ± 9.0	269 ± 17.8
1666.0		326 ± 17.9	303 ± 3.8	291 ± 31.8	337 ± 4.7
2222.0			390 ± 9.6		380 ± 5.8
3333.0	113 ± 6.8	716 ± 17.2	459 ± 33.3	657 ± 31.0	461 ± 9.4
6666.0		750 ± 69.6		1020 ± 66.8	
10000.0	115 ± 9.5				
Trial Summary	Negative	Positive	Positive	Positive	Positive
Positive Control ²				639 ± 6.7	707 ± 18.5
Positive Control ³	405 ± 19.0				
Positive Control ⁴		467 ± 11.5	534 ± 14.7		

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Test Type: **Genetic Toxicology - Bacterial Mutagenicity**Test Compound: **2-(4-Aminophenyl)-6-methyl-7-benzothiazole sulfonic acid**

Time Report Requested: 17:32:03

CAS Number: 130-17-6

Strain: TA98

Dose (ug/Plate)	Without S9	With 30% Rat S9	With 30% Rat S9	With 30% Hamster S9	With 30% Hamster S9
Vehicle Control ¹	18 ± 1.2	36 ± 1.8	46 ± 1.7	35 ± 2.2	36 ± 1.2
100.0	17 ± 1.5				
333.0	17 ± 1.5	44 ± 3.6	41 ± 7.1	44 ± 3.8	41 ± 4.3
1000.0	15 ± 0.3	86 ± 0.9	78 ± 7.5	155 ± 7.4	95 ± 9.9
1666.0		156 ± 23.4	98 ± 5.5	176 ± 10.3	138 ± 1.5
3333.0	15 ± 1.5	290 ± 6.7	213 ± 11.0	324 ± 29.3	282 ± 13.3
6666.0		452 ± 19.7	440 ± 18.8	651 ± 49.6	531 ± 36.5
10000.0	10 ± 1.2				
Trial Summary	Negative	Positive	Positive	Positive	Positive
Positive Control ²		134 ± 18.4	126 ± 13.0	370 ± 15.0	485 ± 44.5
Positive Control ⁵	498 ± 44.7				

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Test Type: **Genetic Toxicology - Bacterial
Mutagenicity**

Test Compound: **2-(4-Aminophenyl)-6-methyl-7-benzothiazole sulfonic acid**
CAS Number: 130-17-6

Time Report Requested: 17:32:03

LEGEND

Values given as Mean or Mean \pm Standard Error Mean

The number of samples = 3, unless samples marked toxic or contaminated were excluded from mean and SEM calculations

CAS Number = Chemical Abstracts Service registry number

1: Vehicle Control: Dimethyl Sulfoxide

2: 1.0 ug/Plate 2-Aminoanthracene

3: 1.0 ug/Plate Sodium Azide

4: 2.5 ug/Plate 2-Aminoanthracene

5: 2.5 ug/Plate 4-Nitro-O-Phenylenediamine

**** END OF REPORT ****