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| --- | --- | --- | --- | --- | --- |
| Study | Dosage | Genotype | Treatment Duration | N | Outcome |
| PK study | 10mg/kg | C57/BL6 | Single injection | 3 | Plasma and brain levels using LCMS |
| PK study | 10mg/kg | R6/2 | Single injection | 5 | Plasma and brain levels using LCMS |
| PD Study | 20mg/kgthree times per week | R6/2 | 3 weeks | 4-5 | Histone acetylation levels in brain and muscle |
| Dose finding study | 100mg/kgthree times per week | R6/2 | One week | 10-15 |  2 mice out of 15 died. 12% loss in bodyweight observed in one week |
| Dose finding study | 60mg/kg three times per week; 30mg/kg/day  | R6/2 | 2 weeks | 14-15 |  2 mice out of 15 died in 30mg/kg/day dose 18% and 14% loss in bodyweight with 60 mg and 30 mg dose respectively |
| Dose finding study | 10 or 20 mg/kg three times per week | R6/2 | 4 weeks | 10 | No significant loss in body weight observed |

 **Table1: Summary of PK/PD and dose finding studies:**