

**Table S3.** Effect of Prototype Anti-Inflammatory Compounds on Seizure Burden in the TMEV Model: Seizures Observed at the Time of Drug Injection.

<b>Compound</b>	<b>Mechanism of Action</b>	<b>Dose mg/kg, IP</b>	<b>% VEH Cumulative Seizure Burden</b>
Diclofenac	<i>NSAID</i>	5	74.2 ± 17.1
		10	74.6 ± 19.8
Ibuprofen	<i>NSAID</i>	10	110 ± 14.0
		50	60.8 ± 12.8
Celecoxib	<i>Cox-2 inhibitor</i>	5	69.5 ± 9.1*
		10	73.7 ± 8.6*
Dexamethasone	<i>Corticosteroid</i>	20	38.3 ± 6.1****
Prednisone	<i>Corticosteroid</i>		
		5	91.8 ± 15.0
		10	108 ± 15.5
		20 <sup>a</sup>	68.3 ± 8.2*
Minocycline	<i>Unknown</i>	50 <sup>a</sup>	58.0 ± 14.2

<sup>a</sup>Compound was administered once daily (QD), whereas other compounds noted were administered twice daily (BID).

\*P<0.05, \*\*\*\*P<0.0001 compared to VEH seizure burden from the same testing cohort; Mann-Whitney U test.