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(54) PHARMACEUTICAL COMPOSITIONS OF BENZODIAZEPINES AND METHOD OF USE **THEREOF**

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(52) **U.S. Cl.** 514/220; 514/221

(57)ABSTRACT

The present invention includes benzodiazepine compositions formulated for intranasal administration, comprising a binary solvent system comprising a first solvent in which the benzodiazepine is soluble, the first solvent capable of penetrating nasal mucosal tissue, and a second solvent in which the benzodiazepine in less soluble. The compositions of the present invention may be used to treat a variety of disorders including, but not limited to, panic attacks, muscle spasms, anxiety, and seizures. In one aspect, the present invention relates to a fast-acting, clonazepam composition for transnasal administration that can be used for the treatment of seizure clusters.



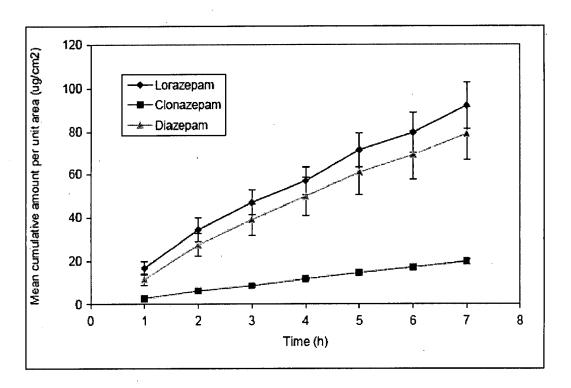


FIGURE 1

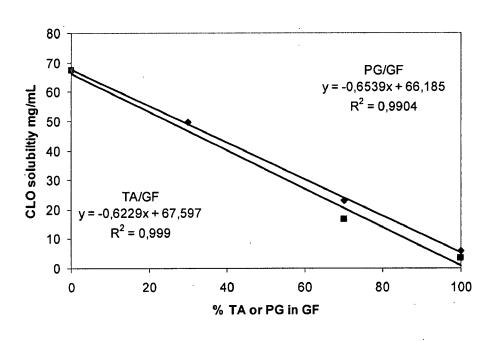


FIGURE 2

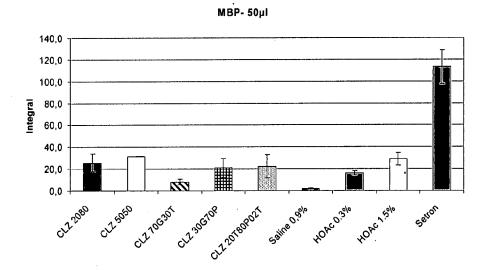


FIGURE 3

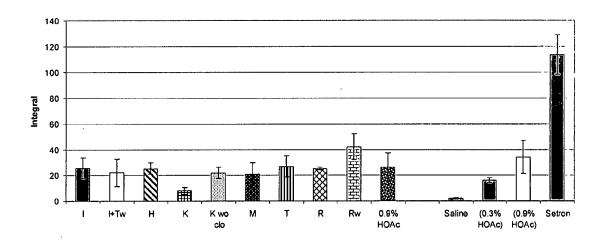


FIGURE 4

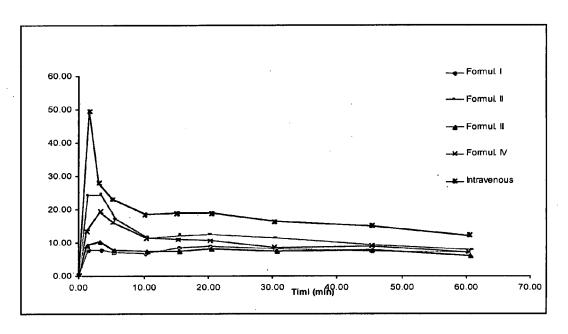


FIGURE 5

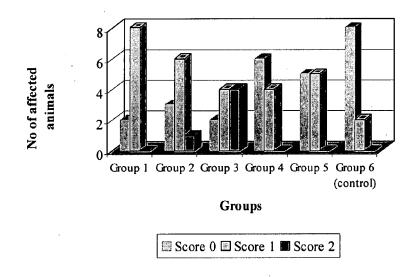


FIGURE 6

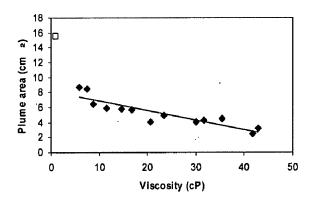


FIGURE 7

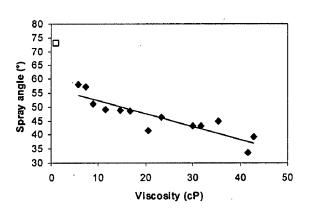
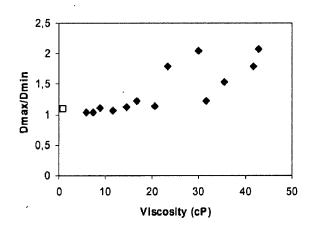


FIGURE 8



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