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(54) Title: TRANSNASAL MICROEMULSIONS CONTAINING DIAZEPAM

(57) Abstract: Diazepam is administered intranasally in the form of specific microemulsions having advantageous properties. The microemulsions are comprised of about equal quantities of a fatty acid and water with the remainder being a hydrophilic surfactant, a polar solvent and an alcohol in a weight ratio such that alcohol is present in a greater quantity by weight than either of the other two. Nasal administration of the subject microemulsions produces a high plasma concentration of diazepam nearly as fast as intravenous administration. The present microemulsions are particularly suitable for a prompt and timely treatment of patients in the acute and/or emergency treatment of status epilepticus and other fever-induced seizures.

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