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Chromatographic separation of some antiepileptic drugs

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In the present studies, chromatographic separation of some antiepileptic drugs, diazepam, valproic acid and verapamil after intravenous and oral administration to rats have been conducted. Stationary phase and mobile phase have been chosen and the parameters of mobile phase have been determined. Also pharmacokinetic parameters have been investigated. Reversed phase column (125x4.6 mm.i.d.) nucleosil 100-5 C18 with mobile phase consisting of ACN/buffer phosphate, 75mmol, pH 3 (40/60 v/v%) and wave length 230nm.

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