

论文

美洛昔康贴剂裸鼠经皮吸收的初步研究

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摘要:

关键词: 美洛昔康 微渗析 经皮吸收 贴剂

Percutaneous absorption of meloxicam patches in hairless mouse

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Abstract:

Meloxicam concentration in skin was determined following topical administration of meloxicam patches in hairless mouse. Samples were analyzed by HPLC coupled with microdialysis sampling technique, in which *in vivo* recovery of probe was characterized by the retrodialysis method. It was indicated that the *in vivo* recovery of the probe was 14.0%. The range of steady state concentration of meloxicam in dialysate was 24-50 ng·mL<sup>-1</sup>, and that was 170-360 ng·mL<sup>-1</sup> in the hairless mouse skin. Steady state concentration of meloxicam was reached shortly after the application of meloxicam patches, which was maintained during the period of experiment.

Keywords: microdialysis percutaneous absorption patch meloxicam

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