

pharmacology of bupropion

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Both doses of bupropion were equivalent to imipramine in antidepressant efficacy. Bupropion is also an inhibitor of Cyt 2D6 a different isoform than is responsible for bupropion's metabolism. Protein Interactions Show all items.

Pharmacokinetic of four probe drugs in adriamycin-induced nephropathy rat The influence of the time-of-day administration of the drug on the pharmacokinetics of sunitinib in rabbits The pharmacokinetics of oral oxycodone in patients after total gastric resection Comparison of the pharmacokinetics of imipenem after intravenous and intrathecal administration in rabbits The effect of candesartan on the pharmacokinetics of enalaprilat in nephrotic rats. The higher dose of bupropion had a more rapid onset of effect than the low dose and significantly greater anxiolytic activity than either imipramine or the lower dose. This service is more advanced with JavaScript available, learn more at <http://>

Pharmacokinetics of bupropion, a novel antidepressant agent, following oral administration to healthy subjects. Butorphanol Stadol Nursing Pharmacology Considerations. Eur J Clin Pharmacol 5: Cited by view all. To cite this article L. Chemicals Show all items. Whether co-administration with SF require a dosage adjustment of bupropion needs further exploration. Contact us Privacy and Cookie Policy. This is a preview of subscription content, log in to check access. Protein Structures Show all items. Hirsch M, Birnbaum RJ J Pharm Sci Classification Compound class Synthetic organic Approved drug? Abstract The clinical efficacy and adverse reaction profile of bupropion, an atypical antidepressant, was compared with the tricyclic imipramine in 63 elderly depressives. A unicyclic, aminoketone antidepressant. The mechanism of its therapeutic actions is not well understood, but it does appear to block dopamine uptake. The hydrochloride is available as an aid to smoking cessation treatment. Review of the Pharmacology and Clinical Profile of Bupropion, an Antidepressant and Tobacco Use Cessation Agent. Linda P. Dwoskin^{1,2}, Anthony S. Rauhut³, Kelley A. King-Pospisil², and Michael T. Bardo⁴. ¹Department of Pharmaceutical Sciences, ²Graduate Center for Toxicology and ⁴Department of Psychology. Hepatic: The effect of hepatic impairment on the pharmacokinetics of bupropion was characterized in 2 single-dose studies, one in patients with alcoholic liver disease and one in 21 patients with mild to severe cirrhosis. The first study showed that the half-life of ²² hydroxybupropion was significantly longer in 8 patients. Concomitant treatment with these drugs can increase bupropion exposure but decrease hydroxybupropion exposure. Based on clinical response, dosage adjustment of WELLBUTRIN may be necessary when coadministered with CYP2B6 inhibitors (e.g., ticlopidine or clopidogrel) [see CLINICAL PHARMACOLOGY]. The second caveat to this column is that there are a number of important unknowns about the clinically relevant pharmacodynamics and pharmacokinetics of bupropion. For this reason, the conclusions in this column are often best inferences based on what is known. These inferences could serve as hypotheses for further. Bupropion: pharmacology and therapeutic applications. Kevin F Foley, Kevin P DeSanty and Richard E Kast. Author for correspondence. University of Vermont, Department of Medical Laboratory and Radiation Sciences, Rowell Building, Burlington, VT, USA. Tel.: +1 Fax: +1 Medscape - Depression, smoking cessation-specific dosing for Wellbutrin XL, Zyban (bupropion), frequency-based adverse effects, comprehensive interactions, contraindications, pregnancy & lactation schedules, and cost information. Jump to Chemistry & Pharmacology - Chemistry. Bupropion is a monocyclic aminoketone that's structurally distinct from SSRIs and TCAs. Some of its structure is shared with phenethylamines and amfepramone. Nov 1, - Abstract. Bupropion sustained release is used to promote smoking cessation in males and nonpregnant females. However, its efficacy as a smoking cessation aid during pregnancy is not reported. The pregnancy-associated changes in maternal physiology may alter the pharmacokinetics and. Wellbutrin official prescribing information for healthcare professionals. Includes: indications, dosage, adverse reactions, pharmacology and more.