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improve our ability to test therapeutic hypotheses at each stage of drug discovery and development from target identification to phased clinical trials and to use such drugs effectively in diverse patient populations 58 59 drug drug interactions can lead to changes in systemic exposure e g maximum concentration c_{max} area under the concentration time curve auc average steady state concentration what are drug delivery systems drug delivery systems are engineered technologies for the targeted delivery and or controlled release of therapeutic agents drugs have long been used to improve health and extend lives the practice of drug delivery has changed dramatically in the last few drugs and the nervous system a drug is any chemical that affects the body s structure or function many drugs including both legal and illegal drugs are psychoactive drugs this means that they affect the central nervous system generally by influencing the transmission of nerve impulses for example some psychoactive drugs mimic

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