1. Record Nr. UNINA9910437827103321

Titolo	Microdialysis in drug development / / Markus Muller, editor
Pubbl/distr/stampa	New York, : Springer, 2013
ISBN	1-283-62448-6 9786613936936 1-4614-4815-8
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (341 p.)
Collana	AAPS advances in the pharmaceutical sciences series, , 2210-7371
Altri autori (Persone)	MullerMarkus
Disciplina	615/.19 616.8/04754
Soggetti	Drug development Brain microdialysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. 1. General aspects -- pt. 2. Specific topics.
Sommario/riassunto	In vivo target site concentrations are probably the most important determinant of drug effects. Traditionally, linking drug concentrations to drug effects has been accomplished by modelling blood-derived data, mostly because a direct quantification of tissue concentrations has been beyond technical reach. Today, a direct measurement of target site concentrations is possible by employing microdialysis or complementary approaches such as imaging technologies. Microdialysis, initially conceived in the 1970ies, has become a standard tool in drug development. This comprehensive overview of current microdialysis technology covers general and disease-specific aspects of microdialysis by international experts in the field. It provides useful information for colleagues in academia and industry who are interested PK-PD aspects of drug development.