

1. Record Nr.	UNINA9910346780503321
Autore	Kim Seoung-Eun
Titolo	Konzeption und prototypische Fertigung einer nicht-invasiven mikrofluidischen Plattform für die Elektrophysiologie (NIMEP) zur Zellenanalyse
Pubbl/distr/stampa	KIT Scientific Publishing, 2015
ISBN	1-000-04687-7
Descrizione fisica	1 online resource (XVII, 171 p. p.)
Collana	Schriften des Instituts für Mikrostrukturtechnik am Karlsruher Institut für Technologie / Hrsg.: Institut für Mikrostrukturtechnik
Soggetti	Technology: general issues
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	The most commonly used measurement technique for electrophysiology is the patch clamp technique. While this measurement technique allows the precise investigation of the communication taking place through ion channels, it has some undesirable drawbacks such as the local destruction of the plasma membrane, a low success rate and an elaborate experimental procedure. To avoid these drawbacks, in this work a new non-invasive microfluidic platform for electrophysiological research (NIMEP) was developed with regard to the activity of ion channels. This novel approach is based on the non-invasive measurement of the total current through the cell membrane and provides a possibility for an automated investigation of the individual cells. In addition, the investigated cell can be used for other applications, since the cell remains in an intact state before and after the test.

2. Record Nr.	UNINA9911020352503321
Titolo	Bicyclic diazepines : diazepines with an additional ring // edited by R. Ian Fryer
Pubbl/distr/stampa	New York, : Wiley, c1991
ISBN	9786612306105 9781282306103 1282306103 9780470187371 0470187379 9780470188897 0470188898
Descrizione fisica	1 online resource (1115 p.)
Collana	Chemistry of heterocyclic compounds, , 0069-3154 ; ; v. 50
Altri autori (Persone)	FryerR. Ian
Disciplina	547.59 547/.59 547/.59/05
Soggetti	Bicyclic diazepines Heterocyclic compounds
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"An Interscience publication."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	BICYCLIC DIAZEPINES; Contents; I. BICYCLIC-1,2-DIAZEPINES; II. BICYCLIC-1,3-DIAZEPINES; III. 1,CDIAZEPINES WITH [a]- OR [b]-FUSED RINGS; IV. [1,4]DIAZEPINES WITH [b]-FUSED RINGS; V. 1, CBENZODIAZEPINES; VI. DIHYDRO-1,CBENZODIAZEPINES; VII. DIHYDRO-1,4-BENZODIAZEPINONES AND THIONES; VIII. TETRAHYDRO- AND POLYHYDRO-1,4-BENZODIAZE- PINES; IX. HETERO RING[e][1,4] DIAZEPINES; AUTHOR INDEX; SUBJECT INDEX
Sommario/riassunto	Bicyclic-1,2-Diazepines. Bicyclic-1,3-Diazepines. 1,4-Diazepines with [a]- or [d]-Fused Rings. 1,4-Benzodiazepines with [b]-Fused Rings. 1,4-Benzodiazepines. Dihydro-1,4-Benzodiazepines. Dihydro-1,4-Benzodiazepines and Thiones. Tetrahydro- and Polyhydro-1,4-Benzodiazepines. Hetero Ring[e][1,4]Diazepines. Author Index. Subject Index.

