



## Annual reports in medicinal chemistry [

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Monografía

Annual Reports in Medicinal Chemistry provides timely and critical reviews of important topics in medicinal chemistry together with an emphasis on emerging topics in the biological sciences, which are expected to provide the basis for entirely new future therapies. Timely and critical reviews of important topics in medicinal chemistry

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derived inhibitors; 4.4. Alternative methods for inhibiting BACE activity; 5. Concluding Remarks; References; Chapter 2. Discovery and Development of mGluR2 Activators 2.1. Localization and functions of mGluR2; 2.2. mGluR2 orthosteric agonists; 2.3. mGluR2 positive allosteric modulators; 2.3.1. Benzimidazoles; 2.3.2. Indanone and isosteres; 2.3.3. Benzotriazoles, benzimidazolones, and benzothiazolones; 2.3.4. Pyridones and azolopyridines; 2.3.5. Oxazolidinones; 2.4. Clinical trials; 3. Drug Discovery and Development of mGluR5 NAMs; 3.1. Localization and functions of mGluR5; 3.2. Alkyne-based mGluR5 negative allosteric modulators; 3.3. Non alkyne-based mGluR5 chemotypes; 3.4. Clinical trials 3.4.1. Parkinsons disease 3.4.2. Other CNS disorders; 4. Conclusion; References; Chapter 7: NMDA Antagonists of GluN2B Subtype and Modulators of GluN2A, GluN2C, and GluN2D Subtypes-Recent Results and Developments; 1. Introduction; 2. X-ray Structural Studies and Homology Modeling of NMDA Receptors; 3. Channel Blockers; 4. Inhibitors of GluN2B Subtype Receptor; 4.1. Phenylethanalamines and related compounds; 4.2. Atypical selective inhibitors of GluN2B; 4.3. Radioligands and imaging tool compounds; 5. Inhibitors and Modulators of GluN2A, GluN2C, and GluN2D Subtype Receptors; 6. Clinical Trials 7. Conclusions

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