Biogenic Amine Receptors: A Comprehensive Guide to Psychopharmacology

Biogenic amine receptors are a diverse group of proteins that bind to neurotransmitters such as dopamine, serotonin, norepinephrine, and histamine. These receptors are found in the brain and other parts of the nervous system, and they play a critical role in regulating a wide range of physiological and behavioral functions, including mood, anxiety, sleep, and cognition.

Biogenic Amine Receptors (Handbook of Psychopharmacology, 6) by Donna Scholefield

★★★★☆ 4.1 out of 5

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The development of drugs that target biogenic amine receptors has revolutionized the treatment of psychiatric disFree Downloads. Antidepressants, antipsychotics, and anxiolytics all work by modulating the activity of these receptors. However, the complexity of these receptors and

the intricate interplay between different neurotransmitter systems can make it challenging to develop new and more effective drugs.

The Biogenic Amine Receptors Handbook of Psychopharmacology provides a comprehensive overview of the current state of knowledge on biogenic amine receptors. This handbook is an essential resource for researchers and practitioners who are interested in understanding the role of these receptors in psychopharmacology and developing new treatments for psychiatric disFree Downloads.

Key Features

- Covers all major biogenic amine receptors, including dopamine, serotonin, norepinephrine, and histamine receptors

- Provides a detailed overview of the molecular biology, pharmacology, and physiology of these receptors

- Discusses the role of biogenic amine receptors in a wide range of psychiatric disFree Downloads, including depression, anxiety, schizophrenia, and addiction

- Reviews the current state of drug development for biogenic amine receptor ligands

- Written by leading experts in the field of psychopharmacology

Target Audience

The Biogenic Amine Receptors Handbook of Psychopharmacology is intended for a broad audience of researchers and practitioners who are interested in understanding the role of biogenic amine receptors in psychopharmacology. This handbook will be of particular interest to:

- Pharmacologists

- Neuroscientists

- Psychiatrists

- Psychologists

- Drug development scientists

Author

The Biogenic Amine Receptors Handbook of Psychopharmacology is edited by David J. Heal, PhD, Professor of Pharmacology at the University of Oxford, and Andrew S. B. Newman-Tancredi, PhD, Professor of Clinical Pharmacology at the University of Sheffield. Dr. Heal is a world-renowned expert on biogenic amine receptors, and Dr. Newman-Tancredi is a leading authority on the clinical pharmacology of psychotropic drugs.

Additional Information

The Biogenic Amine Receptors Handbook of Psychopharmacology is available in print and electronic formats. The print edition is available from Our Book Library and other major booksellers. The electronic edition is available from SpringerLink.

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