The Chemistry Of Mind-Altering Drugs: History, Pharmacology, And Cultural Context (American Chemical Society Publication)
**Synopsis**

This fascinating book presents a scientifically objective, and thoroughly documented exposition of the pharmacological and psychological effects of nearly every known substance that affects human consciousness, from alcohol to Zopiclone. It also features first-hand accounts and descriptions of the social, cultural, and religious milieus in which many psychotropic plants are used, and discusses historical allusions to many literary and scientific figures who used or wrote of mind-altering drugs, including Freud, Dickens, Yeats, and Huxley. Intended for a wide audience of general readers seeking unbiased information, the book gives an accessible explanation of drug-receptor interaction and organic chemical structures, as well as descriptions of the discovery, isolation, and syntheses of the chemical substances responsible for drug activity. Written by an experienced chemist, the book nevertheless keeps technical information to a minimum.

**Book Information**

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**Customer Reviews**

This is an extremely valuable book which provides something not many other sources can: an unbiased, scientifically grounded analysis of psychoactives which also includes realistic cultural context, fascinating history, a sense of whimsy, and subjective descriptions of effects. This makes it of use to all kinds of people: those interested in psychopharmacology, drug therapy for mental illness, ritualistic and spiritual drug use, the mechanisms of the brain, safe and informed recreational drug use, and simply being informed about a broad and complicated social reality. The book spends
about equal time on the mechanism of action and chemical structure of the substances described, and the various uses to which they have been put throughout global human history. In these descriptions, it thoroughly cites studies and explains why said studies are the most useful, making it rather unbiased. That said, it is occasionally critical of drug laws, though any objective analysis is likely to come to the same conclusion, and included are very subjective quotations, though these are never stated as fact and give the book a page-turning, fascinating sense of narrative unexpected from a textbook. Overall, the work’s scientific rigor is unquestionable and unlikely to meet critique but from opponents of drug use so strong in their fervor that they would deny objective truth. Having been last updated in 1996, there are a few missing pieces of information regarding current drugs of abuse. For example, dextromethorphan is mentioned, but in very little detail compared to its fairly widespread use in the current underground drug culture (and it is categorized mysteriously in the opioid section, despite being fairly well-recognized as a ketamine-like dissociative at higher doses).

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