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Psilocybine

National Cancer Institute

Source

National Cancer Institute. *Psilocybine*. NCI Thesaurus. Code C62529.

A tryptamine alkaloid, isolated from various genera of fungi including the genus *Psilocybe*, with hallucinogenic, anxiolytic, and psychoactive activities. In vivo, psilocybine is rapidly dephosphorylated into the active compound psilocin, which activates serotonin 2A (5-HT_{2A}) receptors in the central nervous system (CNS), mimicking the effects of serotonin.