What Is Promethazine Dm

QH-ii-066 is a highly subtype-selective GABAA agonist which was designed to bind selectively to the α5 subtype of GABAA receptors. ba3e353965

Over-the-counter drug In many countries, OTC drugs are selected by a regulatory agency to ensure that they contain ingredients that are safe and effective when used without a physician's care. OTC drugs are usually regulated according to their active pharmaceutical ingredient (API) and strengths of final products. customers buying larger-than-usual doses of [P] medicines (such as DXM, promethazine, codeine or Gee's Linctus) will be queried, due to the possibility of Over-the-counter (OTC) drugs are medicines sold directly to a consumer without a requirement for a prescription from a healthcare professional, as opposed to prescription drugs, which may be supplied only to consumers possessing a valid prescription ba3e353965

When exceeding approved dosages, dextromethorphan acts as a dissociative hallucinogen. It has multiple mechanisms of action, including actions as a nonselective serotonin–norepinephrine reuptake inhibitor and a sigma-1 receptor agonist. Dextromethorphan and its major metabolite dextrorphan also block the NMDA receptor at high doses, producing effects similar to those of other dissociative anesthetics such as ketamine, nitrous oxide, and phencyclidine. ba3e353965 Promethazine was made in the 1940s by a team of scientists from Rhône-Poulenc laboratories. It was approved for medical use in... ba3e353965 == See... == ba3e353965 == References == ba3e353965

Alternariol 1994. (2006). PMID 7986060. "Mutagenicity of the mycotoxin alternariol in cultured mammalian Alternariol (commonly abbreviated as AOH) is a toxic metabolite of Alternaria fungi. Brugger EM, Wagner J, Schumacher DM, et al. PMC 201908. 3901-3902. It is an important contaminant in cereals and fruits ba3e353965

Promethazine Promethazine, sold under the brand name Phenergan among others, is a first-generation antihistamine, sedative, and antiemetic used to treat allergies, Promethazine, sold under the brand name Phenergan among others, is a first-generation antihistamine, sedative, and antiemetic used to treat allergies, nausea, and vomiting. It may also help with some symptoms associated with the common cold and may also be used for sedating people who are agitated or anxious, an effect that has led to some recreational use (especially with codeine). Promethazine is taken by mouth (oral), as a rectal suppository, or by injection into a muscle (IM) ba3e353965

The α5 subtype (and to a lesser extent the α1 subtype) of GABAA are two of the most important targets in the brain that produce the effects of alcohol, and so one of the purposes for which QH-ii-066 was developed was to reproduce the GABAergic effects of alcohol separately from its other actions. ba3e353965 There have been several reviews of relevance to the compound. ba3e353965 HU-210 has a TDLO of 25 µg/kg in rats. ba3e353965

Dihydrexidine Lovenberg TW, Brewster WK, Mottola DM, Lee RC, Riggs RM, Nichols DE, Lewis MH, Mailman RB (1989). July 2015. "Dihydrexidine Dihydrexidine (developmental code names IP-202 and DAR-0100) is a moderately selective full agonist at the dopamine D1 and D5 receptors. It has approximately 10-fold selectivity for D1 and D5 over the D2 receptor. Retrieved 31 January 2026. Although dihydrexidine has some affinity for the D2 receptor, it has functionally selective (highly biased) actions on dopamine D2 receptor signaling, thereby explaining why it lacks dopamine D2 receptor agonist behavioral qualities ba3e353965

== See also == ba3e353965 The term over-the-counter (OTC) refers to a medication that can be purchased without a medical prescription. In contrast, prescription drugs require a prescription from a doctor or other health care professional and should only be used by the prescribed individual. Some drugs may be legally classified as over-the-counter (i.e. no prescription is required), but may only be dispensed by a pharmacist after an assessment of the patient's needs or the provision of patient education. Regulations detailing the establishments where drugs may be sold, who is authorized to dispense them, and whether a prescription is required vary considerably from country to... ba3e353965 == References == ba3e353965 == Effects and research == ba3e353965 == Synthesis == ba3e353965

Dextromethorphan In 2023, the combination with promethazine was the 252nd most commonly prescribed medication in the United States Dextromethorphan is a cough suppressant used in many cough and cold medicines. In 2022, the US Food and Drug Administration (FDA) approved the combination dextromethorphan/bupropion to serve as a rapid-acting antidepressant in people with major depressive disorder. and approved for medical use in 1953 ba3e353965

Dihydrexidine has shown impressive antiparkinson effects in the MPTP-primate model, and has been investigated for the treatment of Parkinson's disease. In an early clinical trial the drug was given intravenously and led to profound hypotension so development was halted. The drug was resurrected when it was shown that smaller subcutaneous doses were safe. This led to a pilot study in schizophrenia and current clinical trials to assess its efficacy in improving the cognitive and working memory deficits in schizophrenia and schizotypal disorder. ba3e353965 A 2017 in vitro assay study reported alternariol to be a full androgen agonist. ba3e353965 The acute toxicity of AOH and AME is low, but in vitro the substances show a strong mutagenic and teratogenic effect. The substances are associated with the development of esophageal cancer. ba3e353965

Sulforidazine "Greater potency of mesoridazine and Sulforidazine (Imagotan, Psychoson, Inofal) a typical antipsychotic and a metabolite of thioridazine; it and mesoridazine are more potent than the parent compound, whose pharmacological effects are believed by some to be largely due to its metabolism into sulforidazine and mesoridazine. copper-catalyzed ring-formation reaction produces sulforidazine. Niedzwiecki DM, Mailman RB, Cubeddu LX (March 1984) ba3e353965

Common side effects of promethazine include confusion and sleepiness; consumption of alcohol or other sedatives can make these symptoms worse. It is unclear if use of promethazine during pregnancy or breastfeeding is safe. Use of promethazine is not recommended in those less than two years old, due to potentially negative effects on breathing. Use of promethazine by injection into a vein is not recommended, due to potential skin damage. Promethazine is in the phenothiazine family of medications. It is also a strong anticholinergic and at high or toxic doses can act as a deliriant. ba3e353965 It was patented in 1949 and approved for medical use in 1953. In 2023, the combination with promethazine was the 252nd most... ba3e353965 Adrogolide (A-93431; ABT-431; DAS-431) ba3e353965

HU-210 Stern E, Lambert DM (August 2007). 061 nM at CB1 receptors compared to 40. 7 nM for Δ9-THC. HU-210 has a binding affinity of 0. PMID 1317925. "Medicinal chemistry endeavors around the phytocannabinoids" HU-210 is a synthetic cannabinoid that was first synthesized in 1988 from (1R,5S)-myrtenol by a group led by Raphael Mechoulam at the Hebrew University. doi:10. 35 (11): 2065–9. The binding pose of HU-210 to the CB1 receptor is similar to other synthetic cannabinoids. 1021/jm00089a018. HU-210 is 100 to 800 times more potent than natural THC from cannabis and has an extended duration of action ba3e353965

QH-II-66 Platt DM, Duggan A, Spealman RD, Cook JM, Li X, Yin W, Rowlett JK (May 2005). 6 (3): 384–391. benzodiazepine receptor subtypes". "Contribution QH-II-66 (QH-ii-066) is a sedative drug which is a benzodiazepine derivative. It produces some of the same effects as other benzodiazepines, but is much more selective than most other drugs of this class and so produces somewhat less sedation and ataxia than other related drugs such as diazepam and triazolam, although it still retains anticonvulsant effects. Medicinal Chemistry Research ba3e353965

It is in the morphinan class of medications with dissociative and stimulant properties (at lower doses). Dextromethorphan does not have a significant affinity for the mu-opioid receptor activity typical of morphinan compounds and exerts its therapeutic effects through several other receptors. In its pure form, dextromethorphan occurs as a white powder. ba3e353965 == References == ba3e353965

A-423579 A-423,579 has improved characteristics over earlier drugs in the series with both high efficacy and low toxicity in studies on mice, and is currently in clinical development. Hancock AA, Diehl MS, Faghih R, Bush EN, Krueger KM, Krishna G, Miller TR, Wilcox DM, Nguyen P, Pratt A-423,579 is one of a range of histamine antagonists developed by Abbott Laboratories which are selective for the H3 subtype, and have stimulant and anorectic effects in animal studies making them potentially useful treatments for obesity. on mice, and is currently in clinical development ba3e353965

Alternariol exhibits antifungal and phytotoxic activity. It is reported to inhibit cholinesterase enzymes. It is also a mycoestrogen. ba3e353965 List of investigational Parkinson's disease drugs ba3e353965 HU-210, the (–) enantiomer, is an ultrapotent cannabinoid, while its (+) enantiomer HU-211 is not a cannabinoid, but an NMDA antagonist with neuroprotective effects. ba3e353965

Petrichloral Krantz and Carr's Pharmacologic principles of medical Petrichloral (pentaerythritol chloral, brand name Periclor) is a sedative and hypnotic chloral hydrate prodrug. assigned to American Home Products Krantz JC, Charles Jelleff Carr CJ, Aviado DM (1972). It is a Schedule IV drug in the USA. "Petrichloral" ba3e353965

QH-ii-066 replicates some of the effects of alcohol, such as sedation and ataxia, but does not increase appetite, as this effect seems to be produced by the α1 subtype of GABAA rather than α5. The inverse agonist Ro15-4513, which blocks the α5 subtype of GABAA, reverses the effects of alcohol, suggesting that this subtype is also important in producing the subjective effects of alcohol intoxication. ba3e353965