

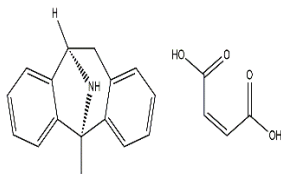
(+)-MK 801 Hydrogen Maleate

ALTERNATE NAME: 10,11-dihydro-5S-methyl-5H-dibenzo[a,d]cyclohepten-5,10-imine, (2Z)-2-butenedioate
Dizocilpine

CATALOG #: B2326-25
B2326-5

AMOUNT: 25 mg
5 mg

STRUCTURE:



MOLECULAR FORMULA: C₂₀H₁₉NO₄

MOLECULAR WEIGHT: 337.37

CAS NUMBER: 77086-22-7

APPEARANCE: White solid

PURITY: ≥98% by HPLC

STORAGE: Store at -20°C. Protect from air and light

SOLUBILITY: ~6 mg/ml (H₂O)
>20 mg/ml (DMSO)

REFERENCES: Wong, E.H.K., et al. (1986). Proc. Natl. Acad. Sci. USA 83, 7104-7108.

DESCRIPTION: A potent, selective and non-competitive N-methyl-D-aspartate (NMDA) receptor antagonist (K_i = 30.5 nM) that acts at the NMDA receptor-operated ion channel as an open channel blocker, preventing Ca²⁺ flux. It has been shown to be protective in various models of ischemia as well as to inhibit behavioral sensitization to certain psychostimulants.

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

QNZ46 (B2007)
Felbamate (B2004)
D (+)- Cycloserine (B1188)
CIQ (B2005)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*