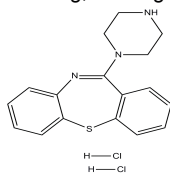


**PRODUCT: Norquetiapine dihydrochloride****ALTERNATE NAME:** 11-(1-Piperazinyl)-dibenzo[b,f][1,4]thiazepine, dihydrochloride**CATALOG #:** 2362-50, 250**AMOUNT:** 50 mg, 250 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>17</sub>H<sub>17</sub>N<sub>3</sub>S. 2HCl**MOLECULAR WEIGHT:** 368.32**CAS NUMBER:** 111974-74-4**APPEARANCE:** Off-white solid**SOLUBILITY:** DMSO**PURITY:** ≥98% by TLC**STORAGE:** At -20° C. Protect from air and moisture**DESCRIPTION:** A pharmacologically active metabolite of quetiapine. Activates ERK1/2 and induces release of BDNF in C6 glioma cells which may contribute to the antidepressant properties of quetiapine.**REFERENCE:** Altamura, A.C., *et al.* (2012). *Clin. Drug Investig.* **32**, 213-219; Di Benedetto, B., *et al.* (2012). *Neuropharmacology* **62**, 209-216.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

A-769662 (Cat. No. 1719-5)

AICAR (1687-50, 250)

AMPK Activator, D-942 (Cat. No. 2341-1, 5)

Anisomycin (Cat. No. 1549-10)

Aurintricarboxylic acid (Cat. No. 1506-1000)

Cordycepin (Cat. No. 2078-10, 50)

8-Br-cAMP (Cat. No. 1837-5, 25)

8-Br-cGMP (Cat. No. 1838-5, 25)

Metformin hydrochloride (Cat. No. 1691-5G)

Phenformin hydrochloride (Cat. No. 1889-100, 1000)

**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**