

MS351 biochemical

MS351

CATALOG #
AAA227042

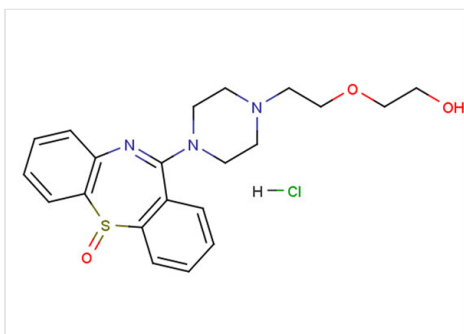
PRODUCT SYNONYMS

MS351; Quetiapine S-oxide hydrochloride; Quetiapine sulfoxide hydrochloride (329216-63-9 free base); MS351 biochemical

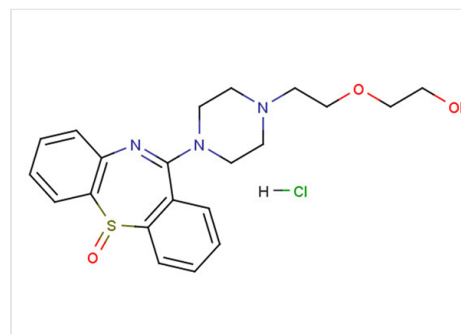
PRODUCT SPECIFICATIONS

Purity/Purification	98%
SMILES	<chem>Cl.Cc1ccccc1Cn1c2ccccc2n(CC(O)c2ccc(Cl)c(Cl)c2)c1=N</chem>
Formula	C23H22Cl3N3O
CAS	472984-79-5
Solubility	DMSO: 15 mg/mL DMF: 0.33mg/mL DMSO:PBS (pH 7.2)(1:10): 0.09 mg/mL Ethanol: 0.1 mg/mL <1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
Quetiapine sulfoxide hydrochloride, CAS T12619L2



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ADDITIONAL INFORMATION

Related Product Information for MS351 biochemical	MS351 is an antagonist of chromobox 7 (CBX7) that acts by binding the CBX7 chromodomain. It enhances the binding of long noncoding RNA to the CBX7 chromodomain when used at 25 uM. MS351 induces transcriptional derepression of CBX7 target genes, including p16 (INK4a), in mouse embryonic stem cells and human prostate cancer PC3 cells.
Product Categories/Family for MS351 biochemical	Others

References

1. Remmerie B, et al. Comparison of Capillary and Venous Drug Concentrations After Administration of a Single Dose of Risperidone, Paliperidone, Quetiapine, Olanzapine, or Aripiprazole. Clin Pharmacol Drug Dev. 2016 Nov;5(6):528-537.
2. Cross AJ, et al. Quetiapine and its metabolite norquetiapine: translation from in vitro pharmacology to in vivo efficacy in rodent models. Br J Pharmacol. 2016 Jan;173(1):155-66.

NCBI AND UNIPROT INFORMATION

Molecular Weight

435.97

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/biochemical/ms351/227042>