

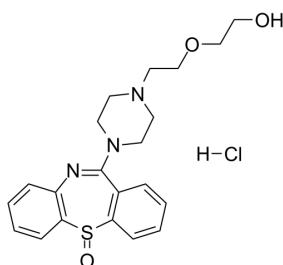
## Quetiapine sulfoxide hydrochloride

Cat. No.: HY-G0014B  
Batch No.: 39127  
Chemical Name: 11-(4-(2-(2-Hydroxyethoxy)ethyl)piperazin-1-yl)dibenzo[b,f][1,4]thiazepine 5-oxide hydrochloride

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{21}H_{26}ClN_3O_3S$   
Molecular Weight: 435.97  
Storage: Powder      -20°C    3 years  
                                  4°C      2 years  
                                  In solvent   -80°C    6 months  
  -20°C    1 month

### Chemical Structure:



### ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)  
 $^1H$  NMR Spectrum: Consistent with structure  
LCMS: Consistent with structure  
Purity (LCMS): 96.92%  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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