

## Quetiapine Fumarate (Cas No 111974-69-7)



Quetiapine Fumarate

CAS number 111974-69-7

Systematic (IUPAC) name

2-(2-(4-dibenzo[b,f][1,4]thiazepine- 11-yl-1-piperazinyl)ethoxy)ethanol

Identifiers

CAS number 111974-69-7

ATC code N05AH04

PubChem 5002

DrugBank APRD00675

ChemSpider 4827

Chemical data

Formula C<sub>21</sub>H<sub>25</sub>N<sub>3</sub>O<sub>2</sub>S Mol. mass 383.5099 g/mol

SMILES eMolecules & PubChem

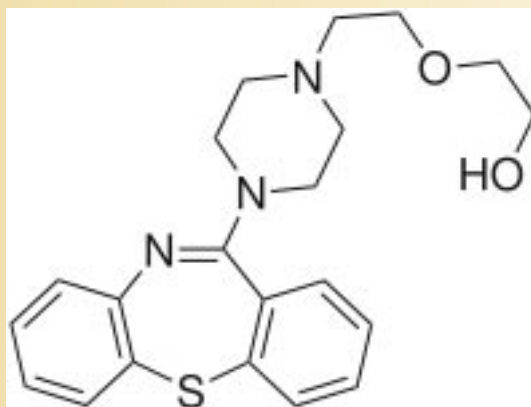
Pharmacokinetic data

Bioavailability 9%

Metabolism Hepatic

Half life 6 hours

Excretion Renal



Quetiapine is indicated for the treatment of schizophrenia, depressive episodes associated with bipolar disorder, acute manic episodes associated with bipolar I disorder (as either monotherapy or adjunct therapy to lithium or divalproex), and maintenance treatment of bipolar I disorder (as adjunct therapy to lithium or divalproex). It is sometimes used off-label, often as an augmentation agent, to treat such conditions as obsessive-compulsive disorder, post-traumatic stress disorder, restless legs syndrome, autism, alcoholism Tourette syndrome and has been used by physicians as a sedative for those with sleep disorders or anxiety disorders