

Quetiapine

Catalog No: tcsc1171



Available Sizes

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

111974-69-7

Formula:

$C_{21}H_{25}N_3O_2S$

Pathway:

Neuronal Signaling;GPCR/G Protein

Target:

5-HT Receptor;5-HT Receptor

Purity / Grade:

>98%

Solubility:

H2O :

Alternative Names:

ICI204636

Observed Molecular Weight:

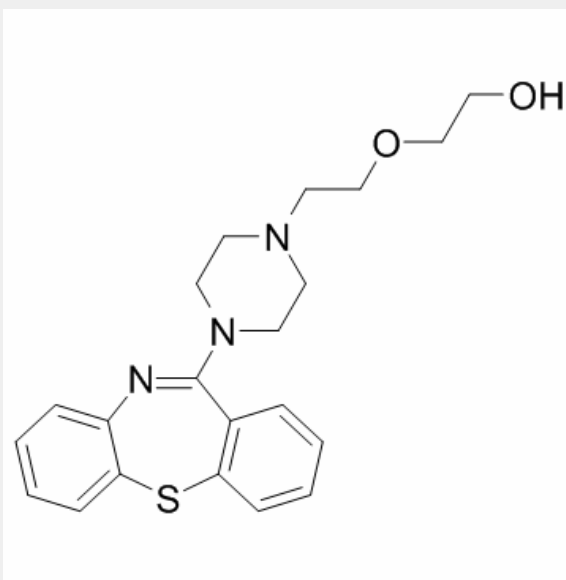
383.51

Product Description

Quetiapine (ICI204636) is an atypical antipsychotic used in the treatment of schizophrenia, bipolar I mania, bipolar II depression, bipolar I depression.

IC50 & Target: 5-HT Receptor^[1].

In Vitro: Quetiapine (ICI204636) is indicated for the treatment of schizophrenia as well as for the treatment of acute manic episodes associated with bipolar I disorder. The antipsychotic effect of quetiapine is thought by some to be mediated through antagonist activity at dopamine and serotonin receptors. Specifically the D1 and D2 dopamine, the alpha 1 adrenoreceptor and alpha 2 adrenoreceptor, and 5-HT1A and 5-HT2 serotonin receptor subtypes are antagonized. Quetiapine (ICI204636) also has an antagonistic effect on the histamine H1 receptor.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!