

# 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:**

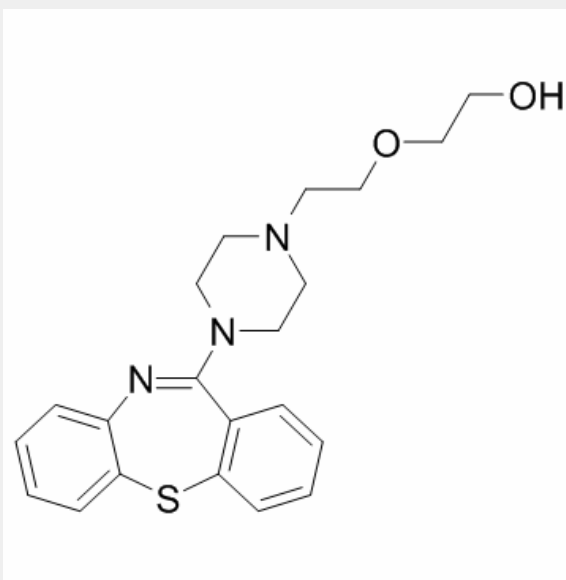
383.51

## 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<sup>[1]</sup>.

***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.



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