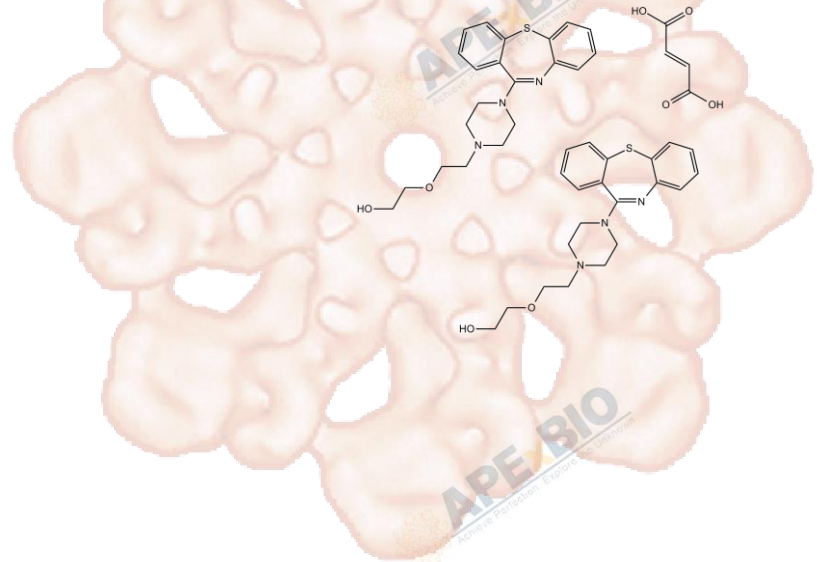


# Product Data Sheet

## Quetiapine Fumarate

**Cat. No.:** B1490  
**CAS No.:** 111974-72-2  
**Formula:** C<sub>46</sub>H<sub>54</sub>N<sub>6</sub>O<sub>8</sub>S<sub>2</sub>  
**M.Wt:** 883.09  
**Synonyms:**  
**Target:** Neuroscience  
**Pathway:** Dopamine Receptor  
**Storage:** Store at -20°C



### Solvent & Solubility

insoluble in H<sub>2</sub>O; insoluble in EtOH; ≥11.03 mg/mL in DMSO

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	<b>Concentration</b>			
	<b>1 mM</b>	1.1324 mL	5.6619 mL	11.3239 mL
	<b>5 mM</b>	0.2265 mL	1.1324 mL	2.2648 mL
	<b>10 mM</b>	0.1132 mL	0.5662 mL	1.1324 mL

Please refer to the solubility information to select the appropriate solvent.

### Biological Activity

Shortsummary

Dopamine receptor antagonist

IC<sub>50</sub> & Target

In Vitro

#### Cell Viability Assay

Preparation method:

In Vivo

#### Animal experiment

Applications:

### Product Citations

1. Perez-Gomez A, Carretero M, et al. "A phenotypic *Caenorhabditis elegans* screen identifies a selective suppressor of antipsychotic-induced hyperphagia." *Nat Commun.* 2018 Dec10;9(1):5272.PMID:30532051

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## References

## Caution

**FOR RESEARCH PURPOSES ONLY.**

**NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.**

*Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.*

**APEX BIO Technology**

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