

Product Data Sheet

Quetiapine

Cat. No.:	A3744
CAS No.:	111974-69-7
Formula:	C ₂₁ H ₂₅ N ₃ O ₂ S
M.Wt:	383.51
Synonyms:	Ketipinor
Target:	Neuroscience
Pathway:	Dopamine Receptor
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥ 19.18 mg/mL in DMSO; ≥ 29.55 mg/mL in EtOH with gentle warming

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	2.6075 mL	13.0375 mL	26.0749 mL
	5 mM	0.5215 mL	2.6075 mL	5.2150 mL
	10 mM	0.2607 mL	1.3037 mL	2.6075 mL

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

Biological Activity

Shortsummary

Dopamine receptor antagonist

IC₅₀ & Target

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

See more customer validations on www.apexbt.com.

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.

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