

Hello Bio, Inc.
304 Wall St., Princeton, NJ 08540 USA

T. 609-683-7500
F. 609-228-4994

customer-care-usa@m2stage.hellobio.com



DATASHEET

Quetiapine hemifumarate

Product overview

Name	Quetiapine hemifumarate
Cat No	HB1803
Alternative names	ICI 204 636
Biological action	Antagonist
Purity	>99%
Description	5-HT ₂ and D ₂ antagonist. Atypical antipsychotic.

Biological Data

Biological description	5-HT ₂ and D ₂ antagonist (IC ₅₀ values are 148 and 329 nM respectively). Lacks affinity at D ₁ or muscarinic receptors. Atypical antipsychotic.
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Solubility & Handling

Storage instructions	+4 °C
Solubility overview	Soluble in DMSO (50mM)
Important	This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.

Chemical Data

Chemical name	2-[2-(4-Dibenzo[<i>b,f</i>][1,4]thiazepin-11-yl-1-piperazinyl)ethoxy]ethanol hemifumarate
Molecular Weight	441.54
Chemical structure	
Molecular Formula	C ₂₁ H ₂₅ N ₃ O ₂ S.0.5C ₄ H ₄ O ₄
CAS Number	111974-72-2
PubChem identifier	5281025
SMILES	<chem>OCCOCCN(CC4)CCN4C2=NC1=CC=CC=C1SC3=C2C=CC=C3.O=C(/C=C/C(O)=O)O.OCCOCCN(CC8)CCN8C6=NC5=CC=CC=C5SC7=C6C=CC=C7</chem>
InChiKey	ZTHJULTYCAQOIJ-WXXKFALUSA-N