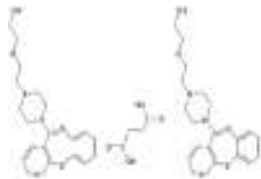


Quetiapine hemifumarate

ALTERNATE NAME: 2-[2-(4-Dibenzo[b,f][1,4]thiazepin-11-yl-1-piperazinyl)ethoxy]ethanol hemifumarate

CATALOG #: B3284-100 100 mg
B3284-500 500 mg

STRUCTURE:



MOLECULAR FORMULA: $C_{21}H_{25}N_3O_2S \cdot 0.5C_4H_4O_4$

MOLECULAR WEIGHT: 441.54

CAS NUMBER: 111974-72-2

APPEARANCE: White solid

PURITY: $\geq 98\%$

SOLUBILITY: >20 mg/ml DMSO

DESCRIPTION: Quetiapine fumarate Displays antagonist activity at serotonin (5-HT₂) and dopamine (D₂) receptors (IC₅₀ values are 148 and 329 nM respectively). Lacks affinity at either D₁ or muscarinic receptors. Acts as an atypical antipsychotic agent.

STORAGE TEMPERATURE: -20°C. Protect from moisture

HANDLING: Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

RELATED PRODUCTS:

Lasmiditan hemisuccinate (B3032)
Eltoprazine hydrochloride (B2301)
Metergoline (B3088)
Chlorprothixene hydrochloride (B3091)

DISCLAIMER: *FOR RESEARCH USE ONLY! Not to be used on humans.*