



CERTIFICATE OF ANALYSIS

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1. Identification

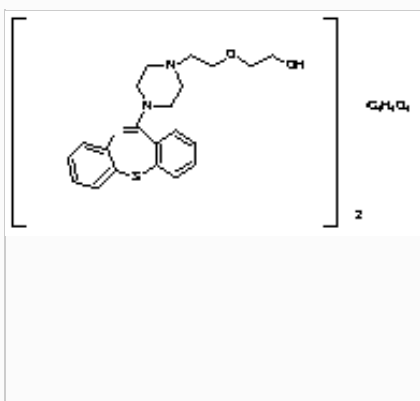
Catalogue Number: Q510000

CAS Number: 111974-72-2

Product: Quetiapine Hemifumarate

Synonym: Seroquel; ICI-204636; 2-[2-(4-Dibenzo[b,f][1,4]thiazepin-11-yl-1-piperazinyl)ethoxy]ethanol Bis[(2E)-2-Butenedioate];

Structure:



Molecular Formula:

$2(C_{21}H_{25}N_3O_2S) \cdot C_4H_4O_4$

Molecular weight:

$2(383.51) + 116.07$

Source of Product:

N/A

Solubility:

Aqueous Acid (Slightly),
Methanol (Slightly, Heated,
Sonicated), Water (Slightly)

Lot Number: 2-BLH-170-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be
Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1: Hygroscopic

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
HPLC Purity	>95%	100%

Additional Information: NA

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Eric Beaton	Neha Khanna	My Nguyen	2/22/2019	2/20/2026