

Quetiapine (hemifumarate) (Standard)

Cat. No.:

HY-B0031R

Batch No.:

334071

CAS No.:

111974-72-2

Test Date:

2024-01-23

Expiry Date:

2026-01-22 (Stability testing is ongoing to ensure concentration accuracy . The certificate of analysis and product expiry date will be updated upon completion of testing. You can download the latest version from our official website)

Molecular Formula:
 $C_{25}H_{29}N_3O_6S$
Molecular Weight:

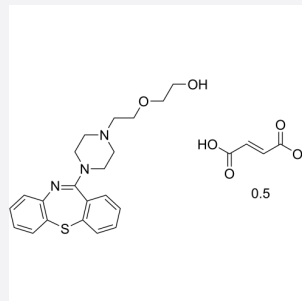
499.58

Package:

Brown glass bottle

Storage:

4°C, sealed storage, away from moisture and light

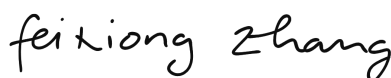

Assay: 99.44%

Assay (%) = (100%-Loss On Drying - Residue on ignition) * Purity

Analytical	Specification	Result
Appearance:	Off-white to light yellow (Solid)	Off-white (Solid)
¹ H NMR Spectrum:	Consistent with structure	Consistent with structure
MS:	Consistent with structure	Consistent with structure
Purity:	Not less than 90.0%	99.87% (HPLC)
Loss on drying (LOD):	<3.0%	0.33%
Residue on ignition (ROI):	N/A	0.10%
Traceability:	Fully qualified and calibrated to ISO 17025 requirements. All calibrations utilize institute of metrology traceable weights which are calibrated externally by a qualified ISO 17025 accredited calibration laboratory to metrology institute standards.	



Quality Control



Quality Assurance

