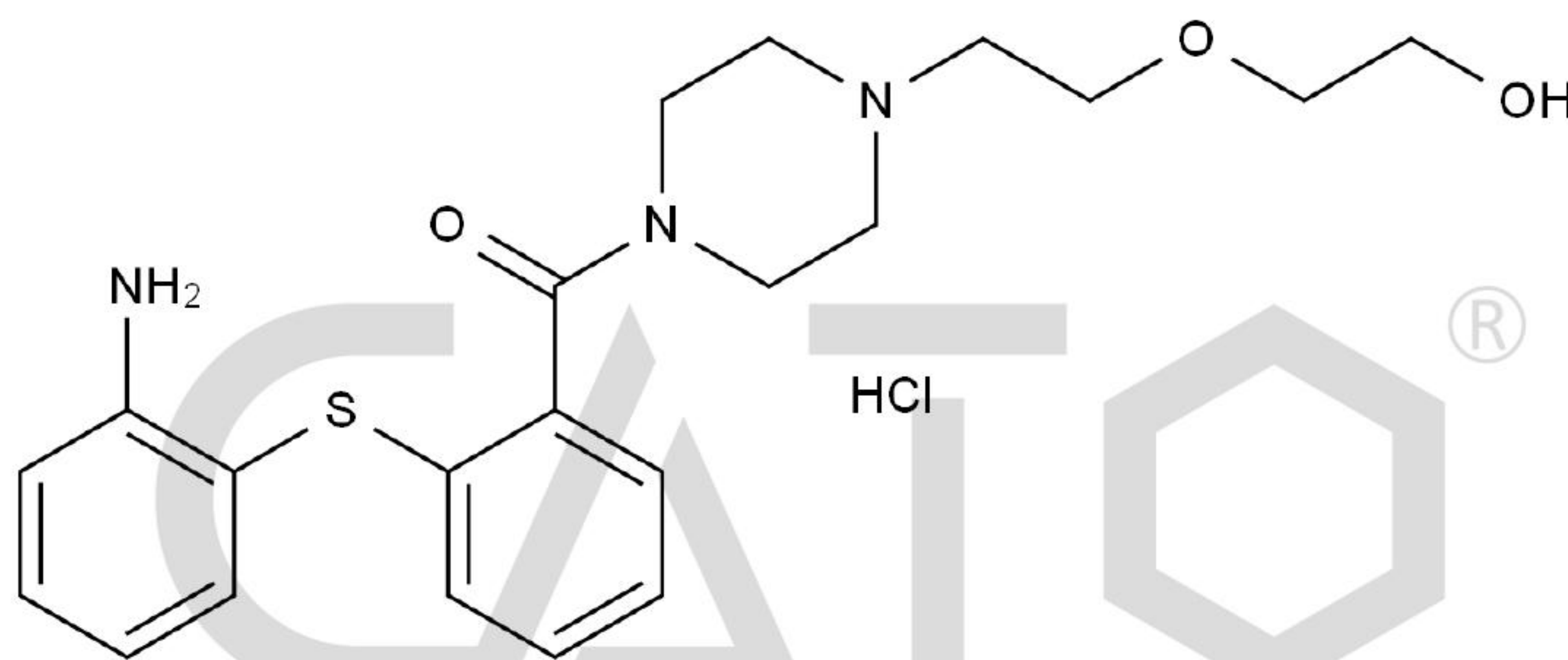


Certificate of Analysis

Reference Material & Standard

Product Name:	Quetiapine EP Impurity F HCl	Catalogue Number:	C4X-124445
Synonyms:	N/A	Lot Number:	0914-RH-0066
CAS Number:	N/A	Expiry Date:	Sep 16, 2030
Molecular Formula:	C ₂₁ H ₂₇ N ₃ O ₃ S HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	401.52 36.46	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Sticky Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.507%
Loss on Drying	TGA	3.8591%
Assay	Mass Balance	94.7%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss on Drying) * Purity HPLC (%) / 100%

Loss on Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Oct 09, 2026

Date: Oct 09, 2026

Date: Oct 09, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

