

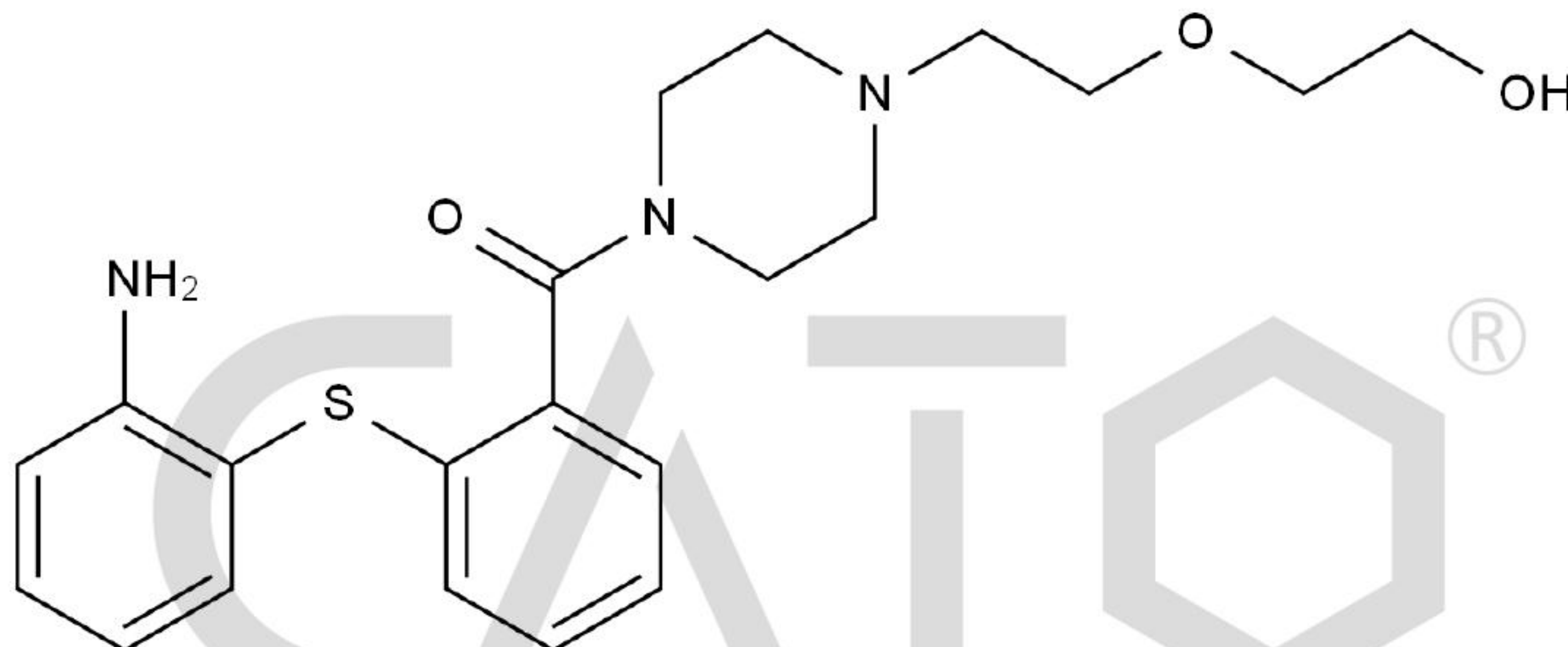
Certificate of Analysis

Reference Material & Standard

Product Name:	Quetiapine EP Impurity F	Catalogue Number:	C4X-124412
Synonyms:	N/A	Lot Number:	0724-RF-0058
CAS Number:	848814-27-7	Expiry Date:	Jul 28, 2027
Molecular Formula:	C ₂₁ H ₂₇ N ₃ O ₃ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	401.52	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Sticky Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.846%
Loss On Drying	TGA	2.7167%
Assay		95.2%

Comment:

The calculation of the 100% 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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 29, 2024

Date: Jul 30, 2024

Date: Jul 30, 2024

