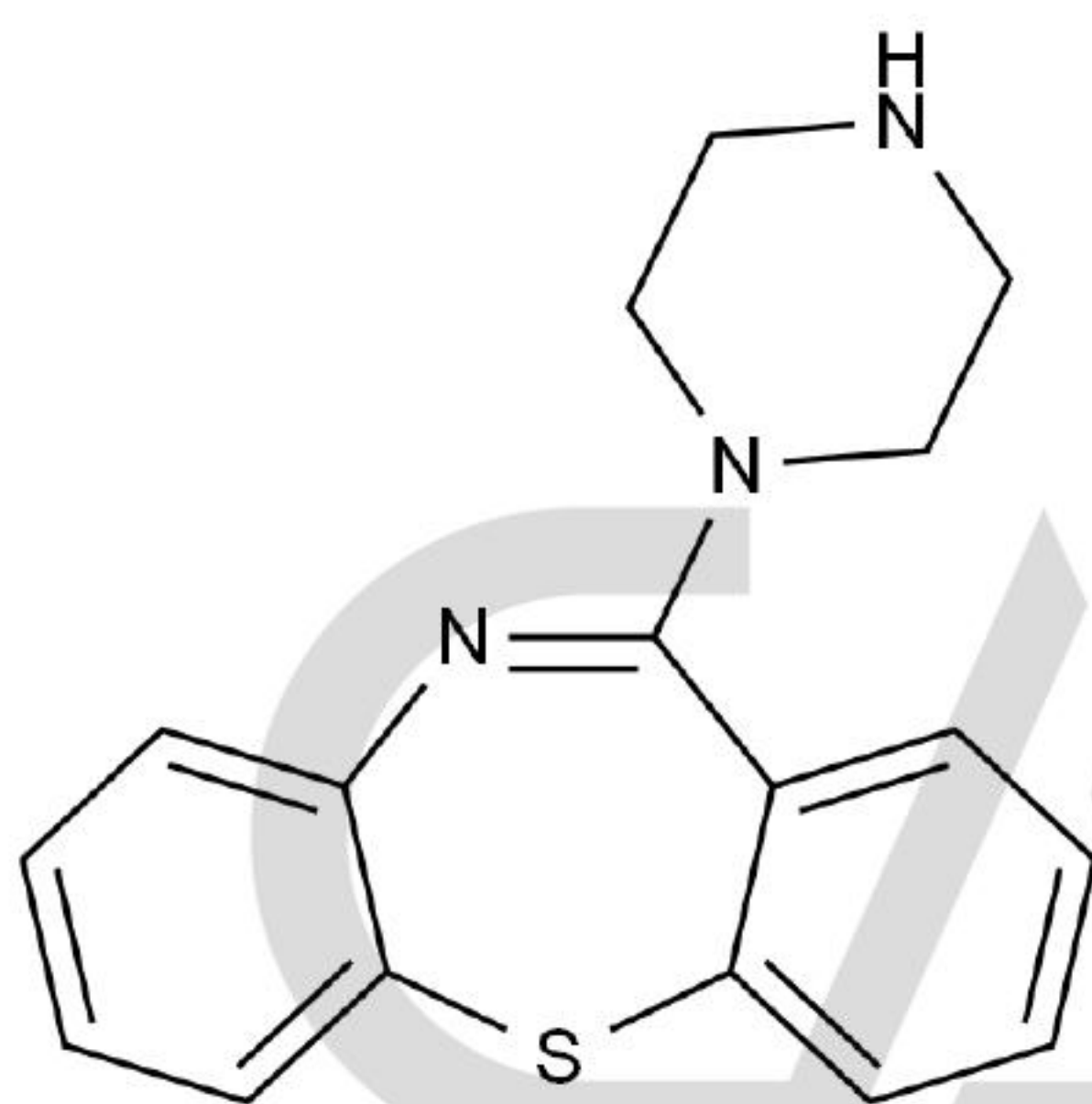


Certificate of Analysis

Reference Material & Standard

Product Name:	Quetiapine Fumarate EP Impurity B	Catalogue Number:	C4X-124444
Synonyms:	N/A	Lot Number:	1014-RF-0010
CAS Number:	5747-48-8	Expiry Date:	Nov 13, 2029
Molecular Formula:	C ₁₇ H ₁₇ N ₃ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	295.40	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.687%
Loss on Drying	TGA	5.1286%
Assay		94.6%

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: Nov 14, 2025

Date: Nov 17, 2025

Date: Nov 17, 2025



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