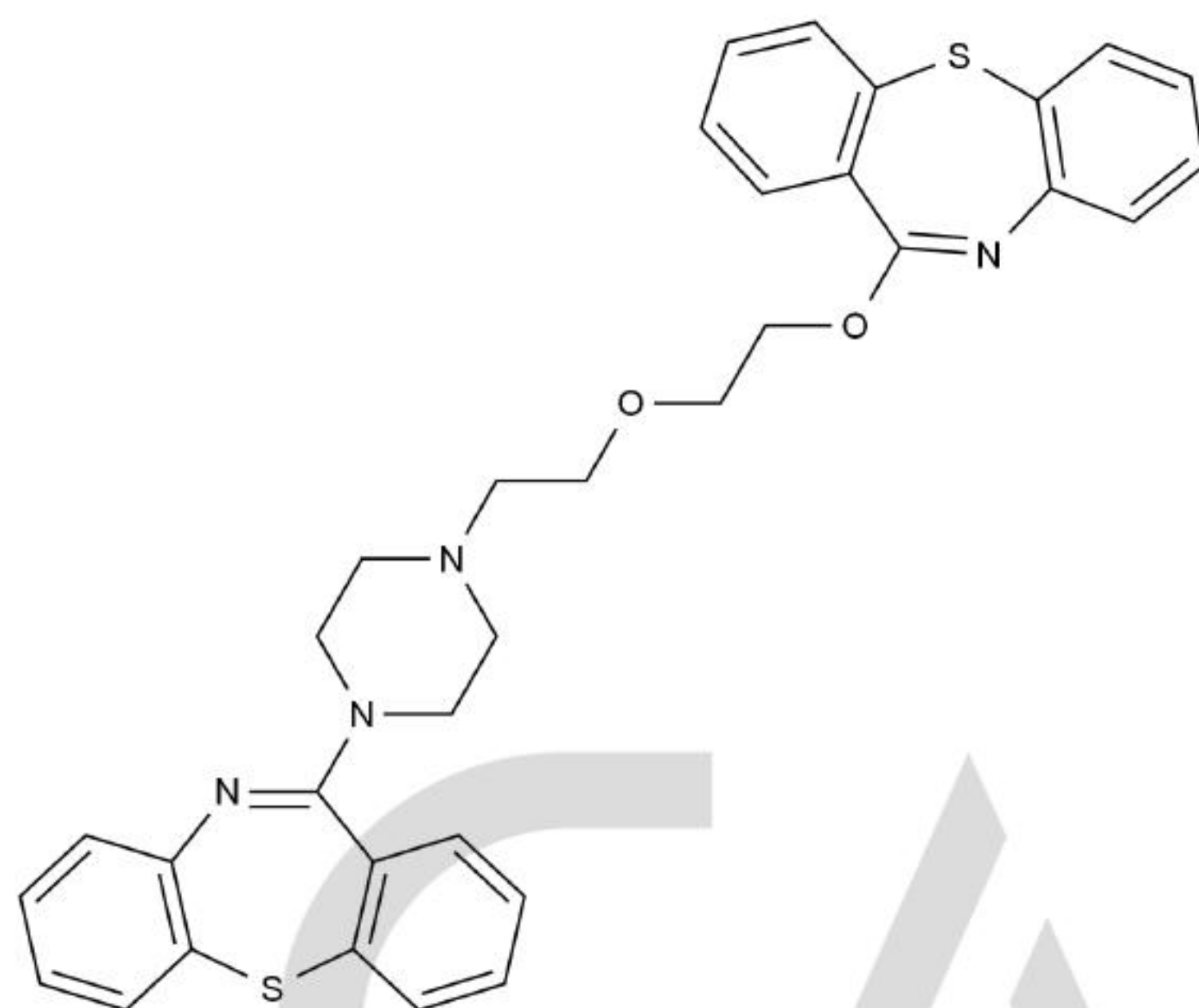


Certificate of Analysis

Reference Material

Product Name:	Quetiapine EP Impurity W	Catalogue Number:	C4X-124421
Chemical Name:	N/A	Lot Number:	0418-RE-0069
CAS Number:	1800608-95-0	Expiry Date:	Apr 20, 2026
Molecular Formula:	C34H32N4O2S2	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	592.77		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Powder
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.690%
Loss On Drying	TGA	0.6176%
Assay		99.1%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

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

Signature:

Prepared by:

Hin lam

Reviewed by:

Nacy

Aporoved by General manager:

David

Date: Apr 21, 2023

Date: Apr 24, 2023

Date: Apr 24, 2023

