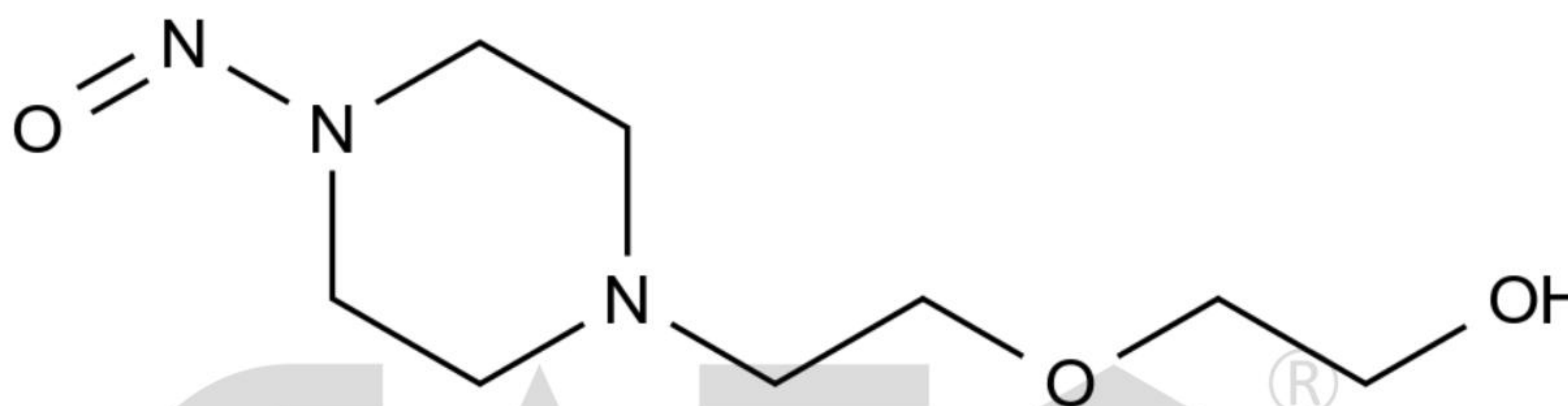


Certificate of Analysis

Reference Material & Standard

Product Name:	Quetiapine impurity 64	Catalogue Number:	C4X-124464
Synonyms:	N-Nitroso Quetiapine	Lot Number:	0801-RG-0057
CAS Number:	73486-81-4	Expiry Date:	Aug 03, 2029
Molecular Formula:	C ₈ H ₁₇ N ₃ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	203.24		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Liquid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	1.7785%
Assay		98.2%

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: Aug 04, 2025

Date: Aug 04, 2025

Date: Aug 04, 2025

