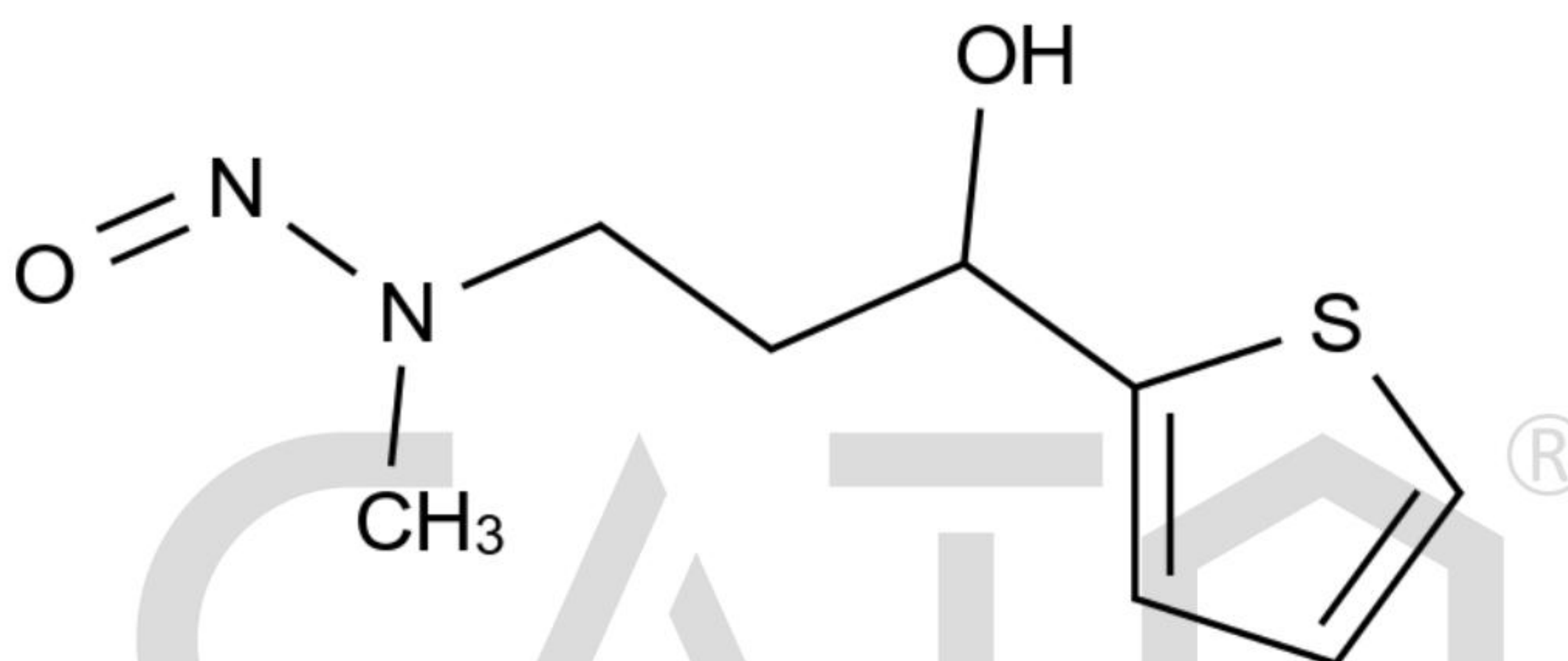


Certificate of Analysis

Reference Material & Standard

Product Name:	Duloxetine impurity 38	Catalogue Number:	C4X-133638
Synonyms:	N/A	Lot Number:	0714-RG-0064
CAS Number:	2418708-78-6	Expiry Date:	Jul 20, 2029
Molecular Formula:	C ₈ H ₁₂ N ₂ O ₂ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	200.26		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.000%
Loss On Drying	TGA	0.4149%
Assay		94.6%

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 21, 2025

Date: Jul 22, 2025

Date: Jul 22, 2025

