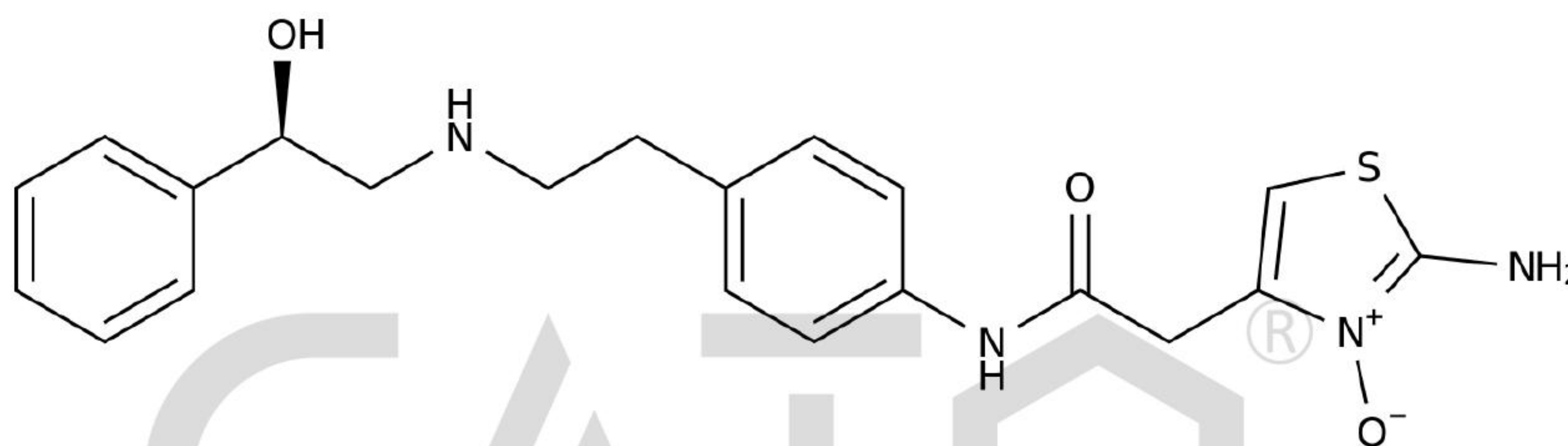


Certificate of Analysis

Reference Material & Standard

Product Name:	Mirabegron Impurity 56	Catalogue Number:	C4X-103256
Synonyms:	N/A	Lot Number:	1013-RG-0055
CAS Number:	N/A	Expiry Date:	Sep 28, 2029
Molecular Formula:	C ₂₁ H ₂₄ N ₄ O ₃ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	412.51		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	98.055%
Water Content	Karl Fischer	0.27%
Assay		97.8%

Comment:

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

Assay (%) = (100% - Water Content) * Purity HPLC (%) / 100%

Water Content is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Oct 13, 2025

Date: Oct 14, 2025

Date: Oct 14, 2025



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