

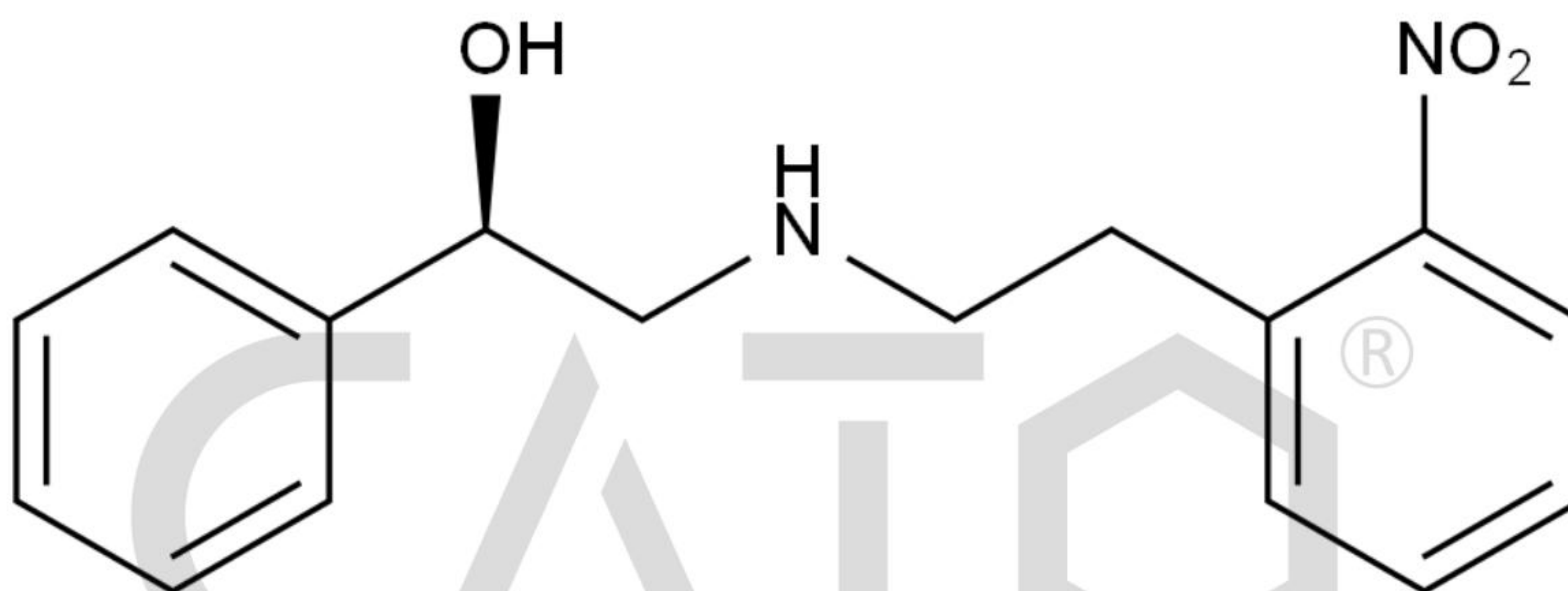
Certificate of Analysis

Reference Material & Standard

Product Name:	Mirabegron Impurity 48	Catalogue Number:	C4X-103248
Synonyms:	N/A	Lot Number:	1122-RE-0050
CAS Number:	N/A	Expiry Date:	Nov 26, 2026
Molecular Formula:	C ₁₆ H ₁₈ N ₂ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	286.33	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pink Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.994%
Loss On Drying	TGA	0.1166%
Assay		98.9%

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

Aporoved by General Manager:

David

Date: Nov 27, 2023

Date: Nov 27, 2023

Date: Nov 27, 2023

