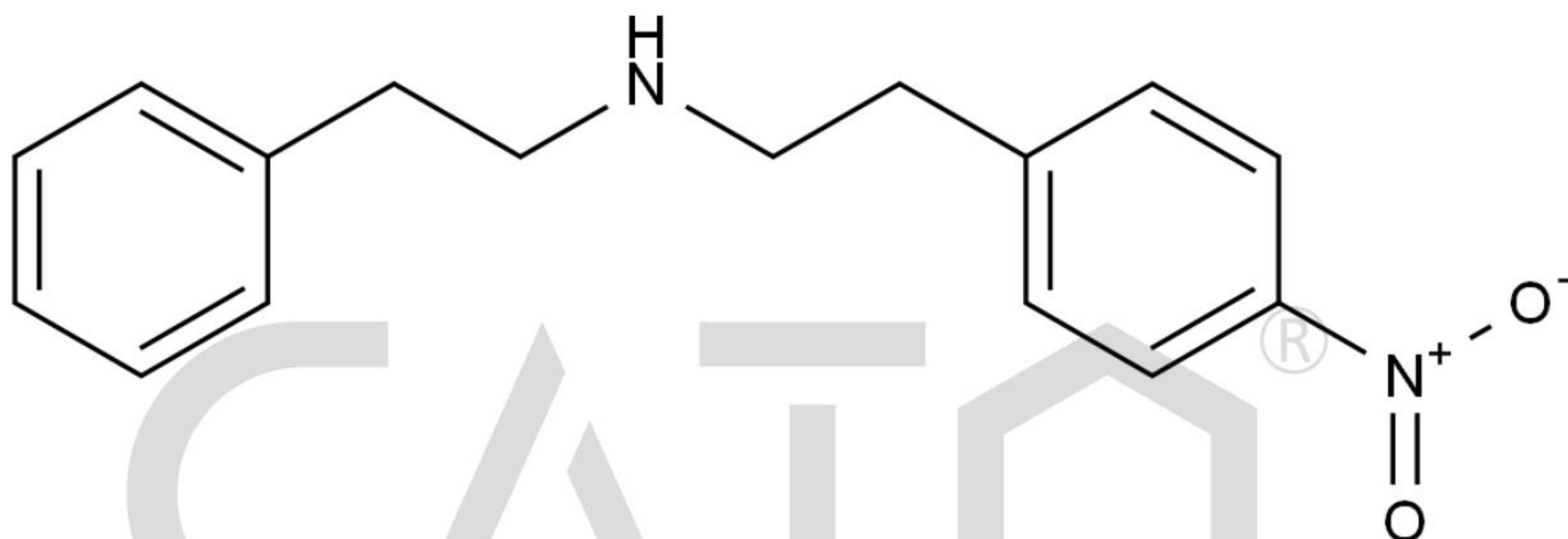


Certificate of Analysis

Reference Material & Standard

Product Name:	Mirabegron Impurity 40	Catalogue Number:	C4X-103240
Synonyms:	N/A	Lot Number:	0621-RF-0027
CAS Number:	1154949-80-0	Expiry Date:	Jun 23, 2027
Molecular Formula:	C ₁₆ H ₁₈ N ₂ O ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	270.33		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Orange Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.951%
Loss On Drying	TGA	0.1967%
Assay		96.8%

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: Jun 24, 2024

Date: Jun 24, 2024

Date: Jun 24, 2024

