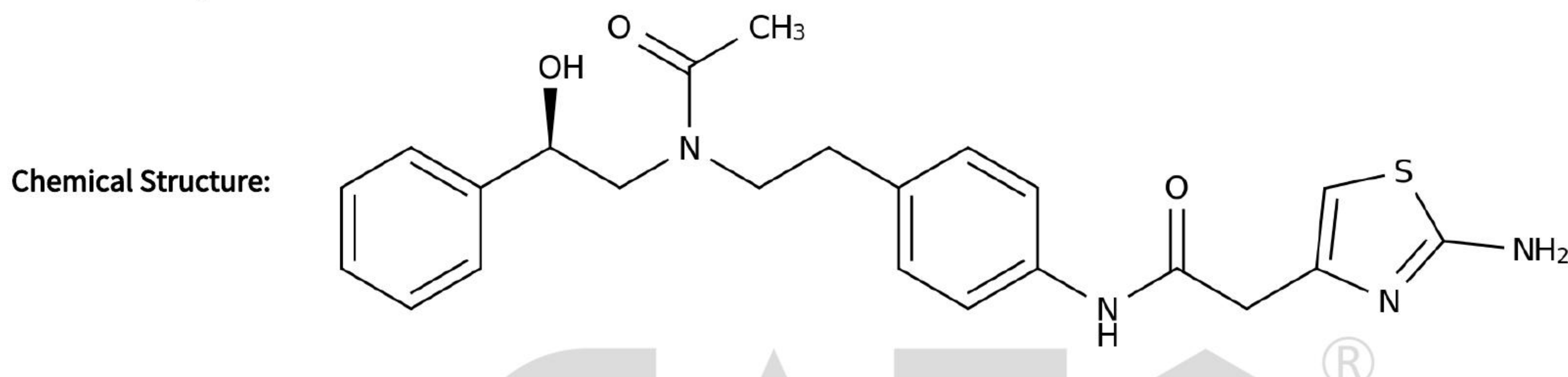


Certificate of Analysis

Reference Material

Product Name:	Mirabegron Impurity 59	Catalogue Number:	C4X-103259
Chemical Name:	N/A	Lot Number:	0914-RE-0018
CAS Number:	N/A	Expiry Date:	Sep 17, 2026
Molecular Formula:	C23H26N4O3S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	438.54		



Test Items	Method	Results
Appearance	Visual inspection	Pale yellow Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	98.81%
Loss On Drying	TGA	3.31%
Assay		95.5%

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:

Koi

Reviewed by:

Lisa

Aporoved by General manager:

David

Date: Sep 18, 2023

Date: Sep 18, 2023

Date: Sep 18, 2023

