

Certificate of Analysis

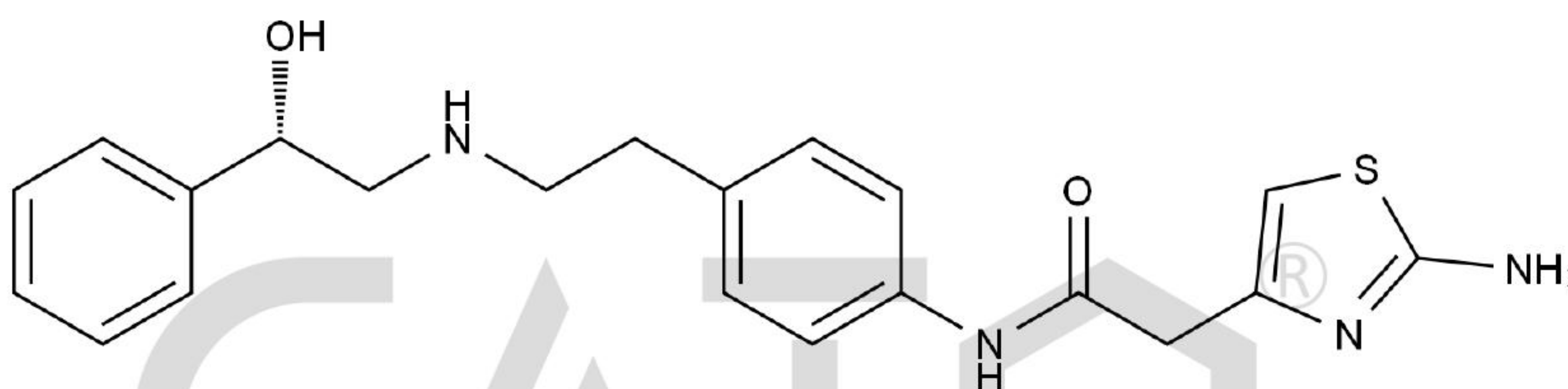
Reference Material & Standard

Product Name:	Mirabegron EP Impurity A	Catalogue Number:	C4X-10323
Synonyms:	N/A	Lot Number:	0826-RF-0020
CAS Number:	1796931-48-0	Expiry Date:	Aug 20, 2027
Molecular Formula:	C ₂₁ H ₂₄ N ₄ O ₂ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	396.51	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.736%
Water Content	Karl Fischer	0.43%
Residual Solvents	NMR	0.59% acetonitrile
Assay		98.7%

Comment:

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

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

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Mar 09, 2026

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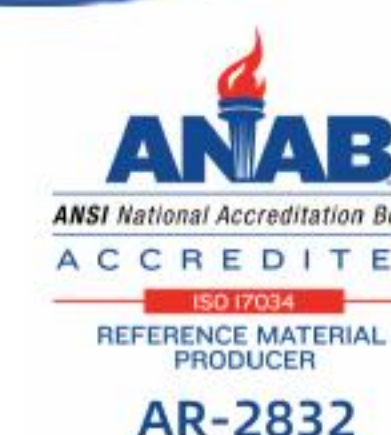
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