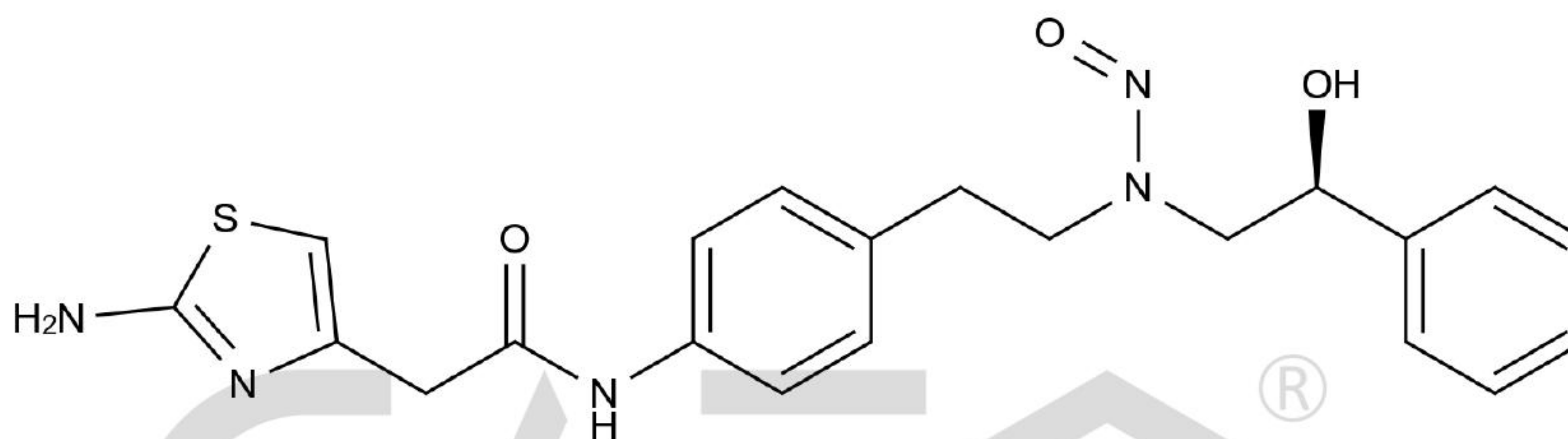


Certificate of Analysis

Reference Material & Standard

Product Name:	N-Nitroso S-Mirabegron	Catalogue Number:	C4X-103298
Synonyms:	N/A	Lot Number:	0319-RF-0029
CAS Number:	N/A	Expiry Date:	Mar 22, 2027
Molecular Formula:	C ₂₁ H ₂₃ N ₅ O ₃ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	425.50		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.6869%
Loss On Drying	TGA	2.09%
Assay		97.6%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hinlam

Aporoved by General Manager:

David

Date: Mar 26, 2024

Date: Mar 26, 2024

Date: Mar 26, 2024

