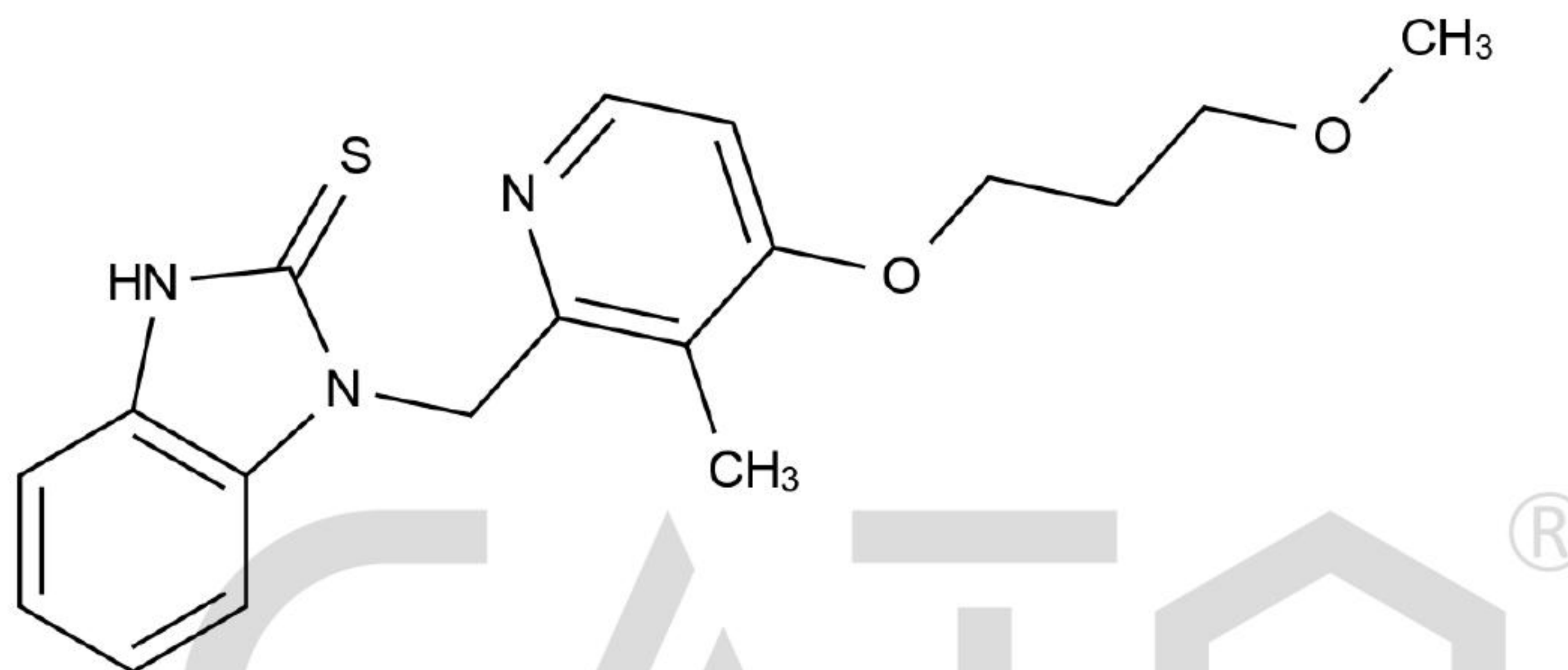


Certificate of Analysis

Reference Material

Product Name:	Rabeprazole Impurity 44	Catalogue Number:	C4X-112144
Chemical Name:	N/A	Lot Number:	0530-RE-0003
CAS Number:	N/A	Expiry Date:	May 21, 2026
Molecular Formula:	C ₁₈ H ₂₁ N ₃ O ₂ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	343.44		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.4739%
Water Content	Karl Fischer	0.2%
Residual Solvents	NMR	0.4% methanol and 0.2% tetrahydrofuran
Assay		98.7%

Comment:

The calculation of the 100% 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:

Nacy

Reviewed by:

Xenia

Aporoved by General manager:

David

Date: May 22, 2023

Date: Jun 02, 2023

Date: Jun 02, 2023

