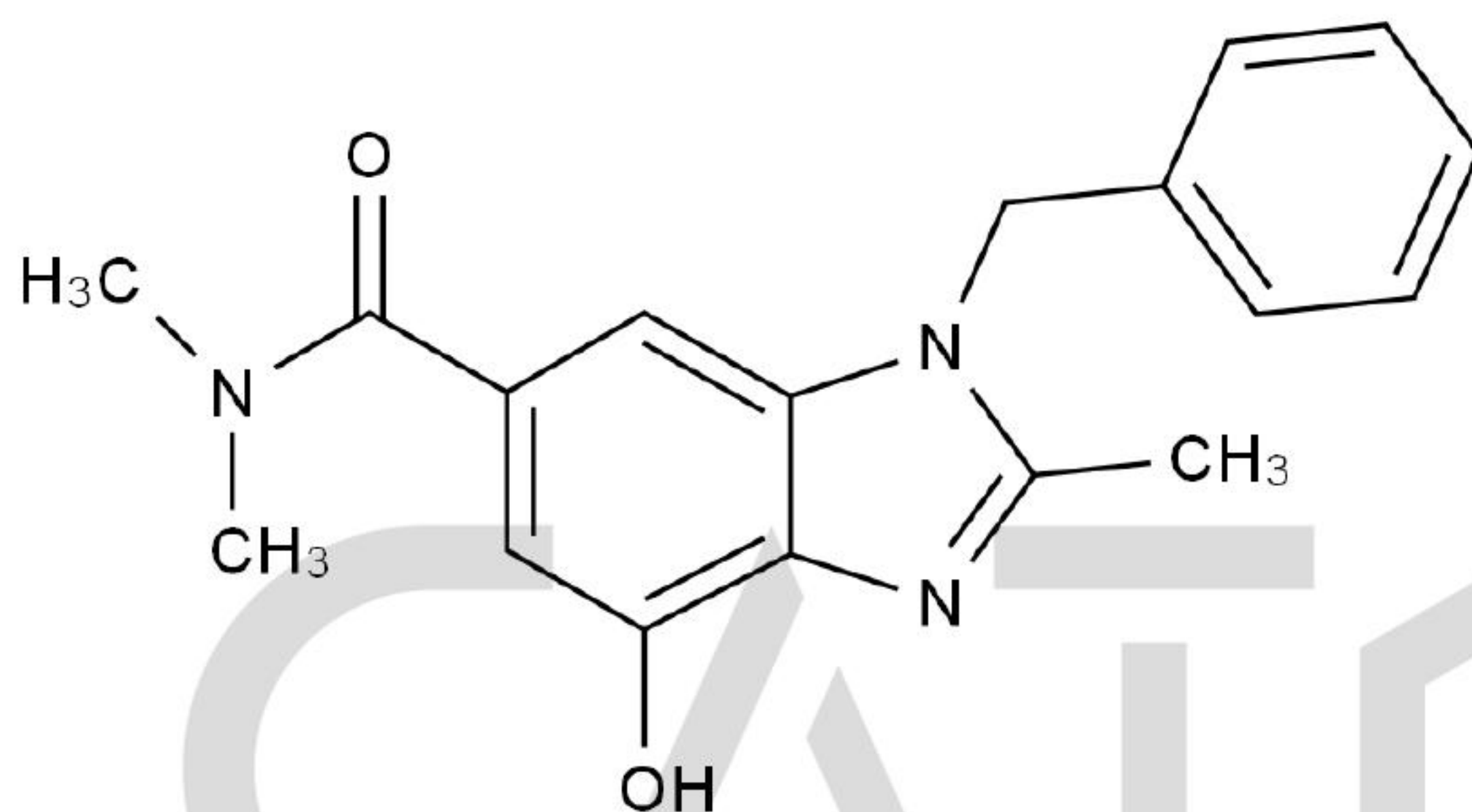


Certificate of Analysis

Reference Material & Standard

Product Name:	Tegoprazan Impurity 12	Catalogue Number:	C4X-229712
Synonyms:	N/A	Lot Number:	0825-RG-0080
CAS Number:	1640981-20-9	Expiry Date:	Aug 27, 2029
Molecular Formula:	C ₁₈ H ₁₉ N ₃ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	309.36		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.923%
Loss On Drying	TGA	0.1416%
Assay		99.8%

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: Aug 28, 2025

Date: Aug 28, 2025

Date: Aug 28, 2025

