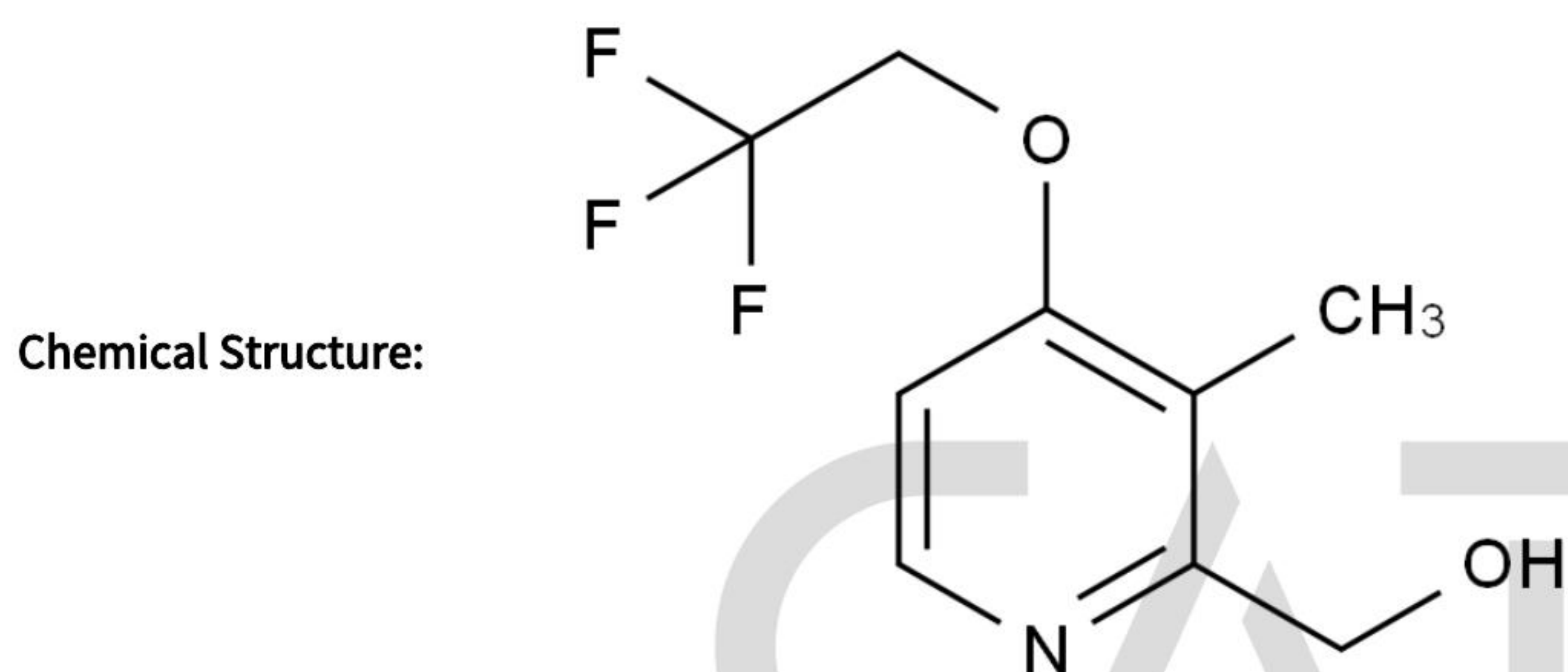


Certificate of Analysis

Reference Material & Standard

Product Name:	Lansoprazole Impurity 17	Catalogue Number:	C4X-111317
Synonyms:	N/A	Lot Number:	0603-RF-0029
CAS Number:	253345-80-1	Expiry Date:	May 30, 2027
Molecular Formula:	C ₉ H ₁₀ F ₃ NO ₂ HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	221.18 36.46		



Test Items	Method	Results
Appearance	Visual inspection	Colourless Crystalline Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.349%
Water Content	Karl Fischer	0.42%
Residual Solvents	NMR	Not detected in NMR
Assay		98.9%

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:

Lily

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Jun 06, 2024

Date: Jun 06, 2024

Date: Jun 06, 2024

