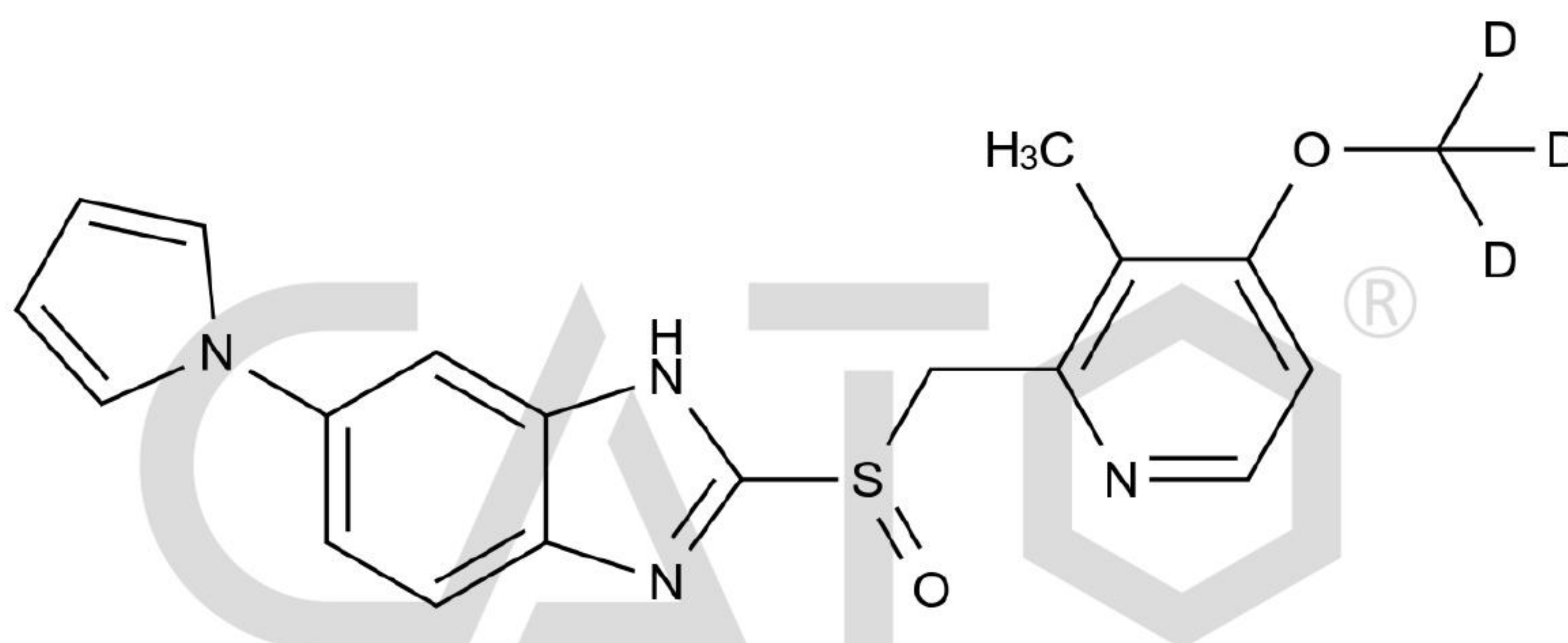


Certificate of Analysis

Reference Material & Standard

Product Name:	Ilaprazole-d3	Catalogue Number:	C4X-113020
Synonyms:	N/A	Lot Number:	0925-RG-0028
CAS Number:	1070969-17-3	Expiry Date:	Sep 24, 2029
Molecular Formula:	C ₁₉ H ₁₅ D ₃ N ₄ O ₂ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	369.46	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Chemical Purity	HPLC	95.47%
Isotopic Purity		95.3%
Residue on Ignition	TGA	0.0148%
Loss On Drying	TGA	4.4993%
Assay		91.2%

Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 28, 2025

Date: Sep 28, 2025

Date: Sep 28, 2025



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