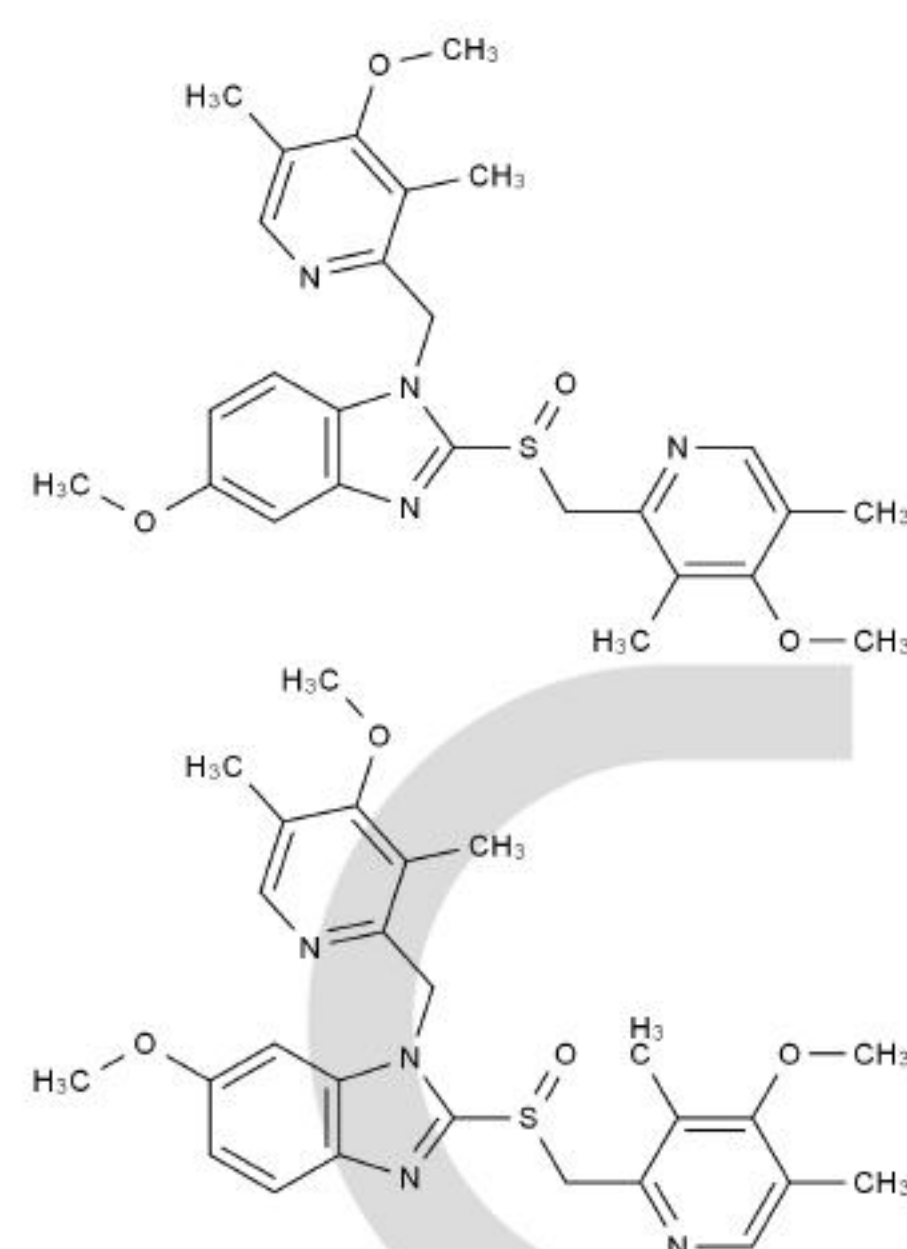


Certificate of Analysis

Reference Material & Standard

Product Name:	Esomeprazole Impurity 20	Catalogue Number:	C4X-111220
Synonyms:	N/A	Lot Number:	0728-RH-0057
CAS Number:	1346599-85-6	Expiry Date:	Jul 30, 2030
Molecular Formula:	2*C ₂₆ H ₃₀ N ₄ O ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	2*494.61	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss on Drying	TGA	1.6282%
Assay		98.4%

Comment:

The calculation of the mass balance 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: Jul 31, 2026

Date: Jul 31, 2026

Date: Jul 31, 2026



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