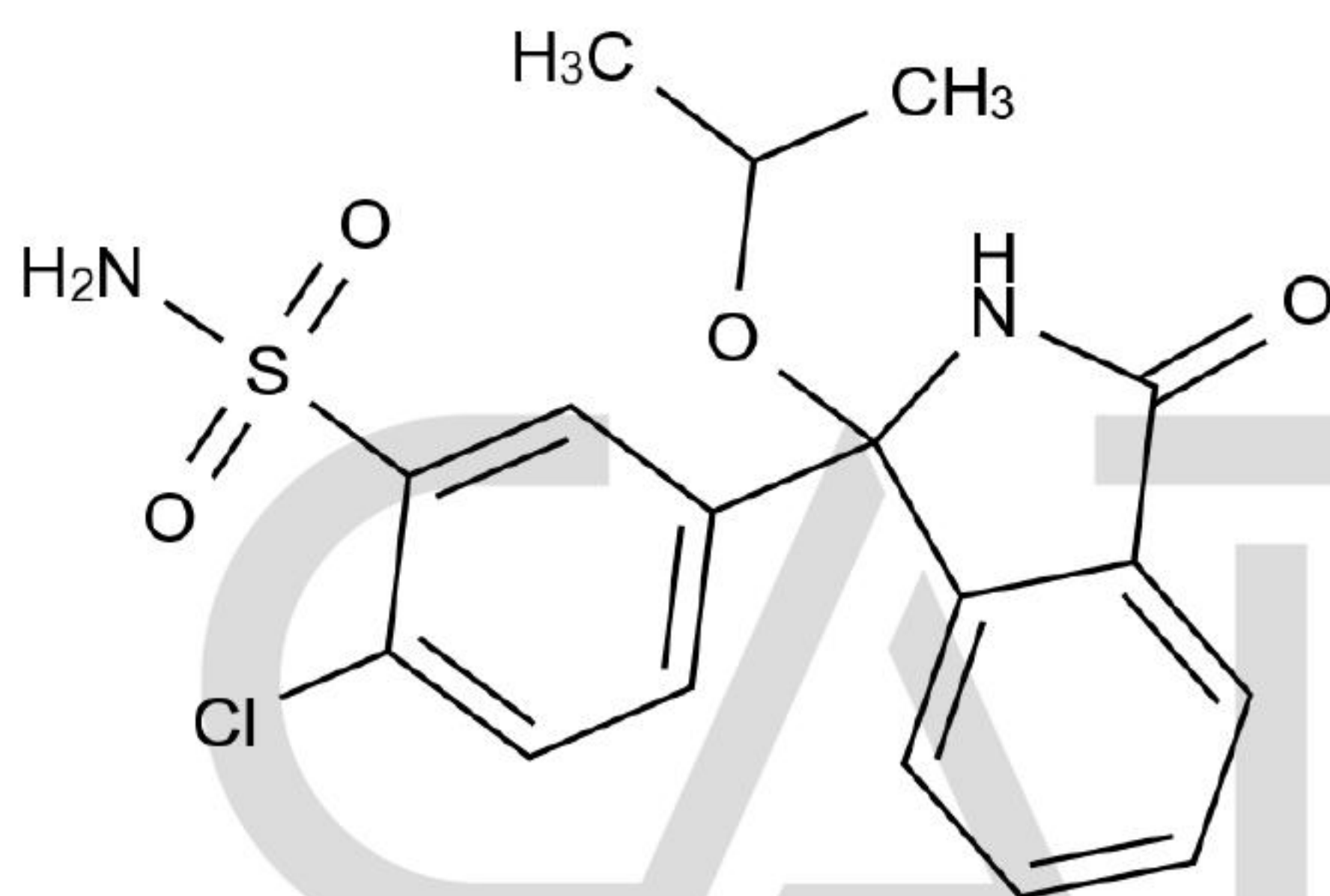


Certificate of Analysis

Reference Material & Standard

Product Name:	Chlorthalidone EP Impurity H	Catalogue Number:	C4X-158513
Synonyms:	N/A	Lot Number:	0302-RH-0025
CAS Number:	2200280-98-2	Expiry Date:	Dec 17, 2027
Molecular Formula:	C ₁₇ H ₁₇ ClN ₂ O ₄ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	380.85	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	99.04%
Water Content	Karl Fischer	1.54%
Residual Solvents	NMR	Not detected in NMR
Assay		97.5%

Comment:

The calculation of the mass balance 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:

Reviewed by:

Approved by General Manager:

Date: Mar 03, 2026

Date: Mar 03, 2026

Date: Mar 03, 2026



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