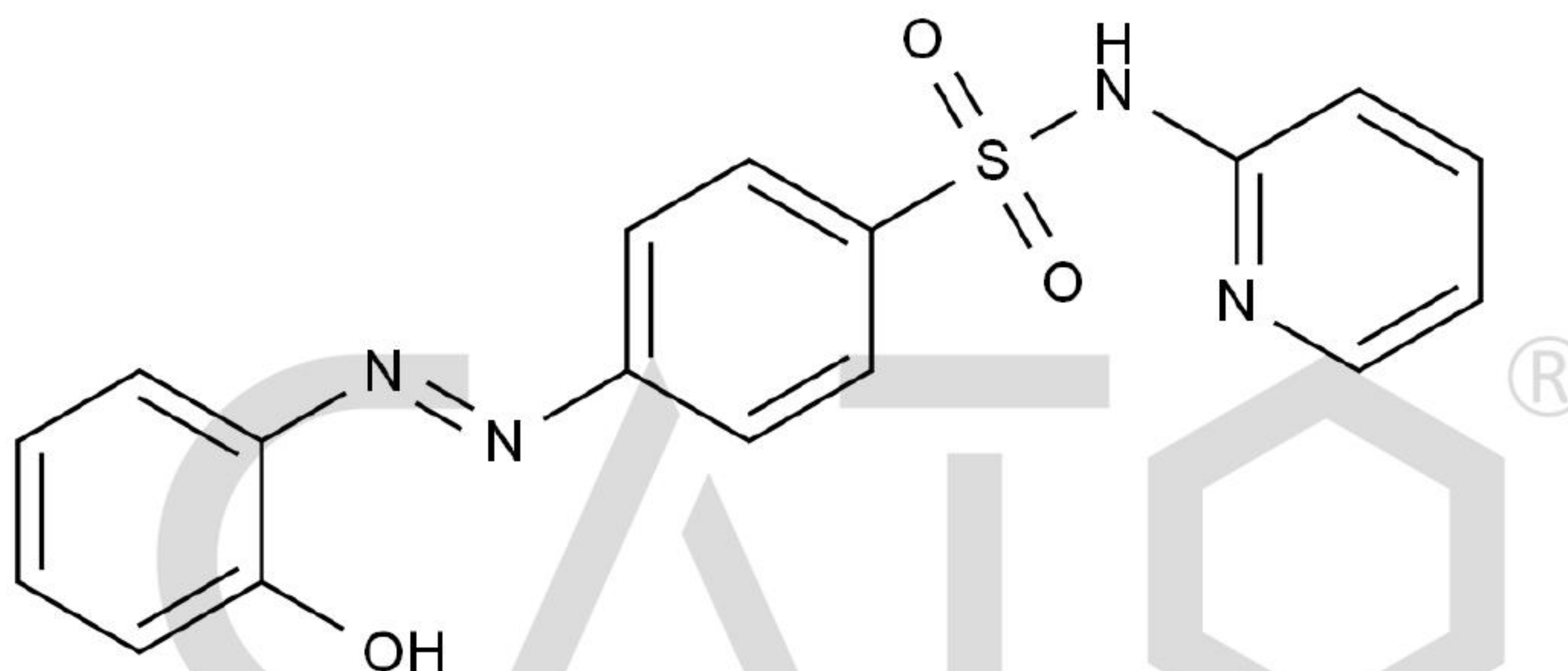


Certificate of Analysis

Reference Material & Standard

Product Name:	Sulfasalazine EP Impurity D	Catalogue Number:	C4X-14194
Synonyms:	N/A	Lot Number:	1208-RG-0058
CAS Number:	66364-70-3	Expiry Date:	Oct 10, 2029
Molecular Formula:	C ₁₇ H ₁₄ N ₄ O ₃ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	354.38	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	96.025%
Water Content	Karl Fischer	0.61%
Residual Solvents	NMR	Not detected in NMR
Assay		95.4%

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: Dec 09, 2025

Date: Dec 10, 2025

Date: Dec 10, 2025



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