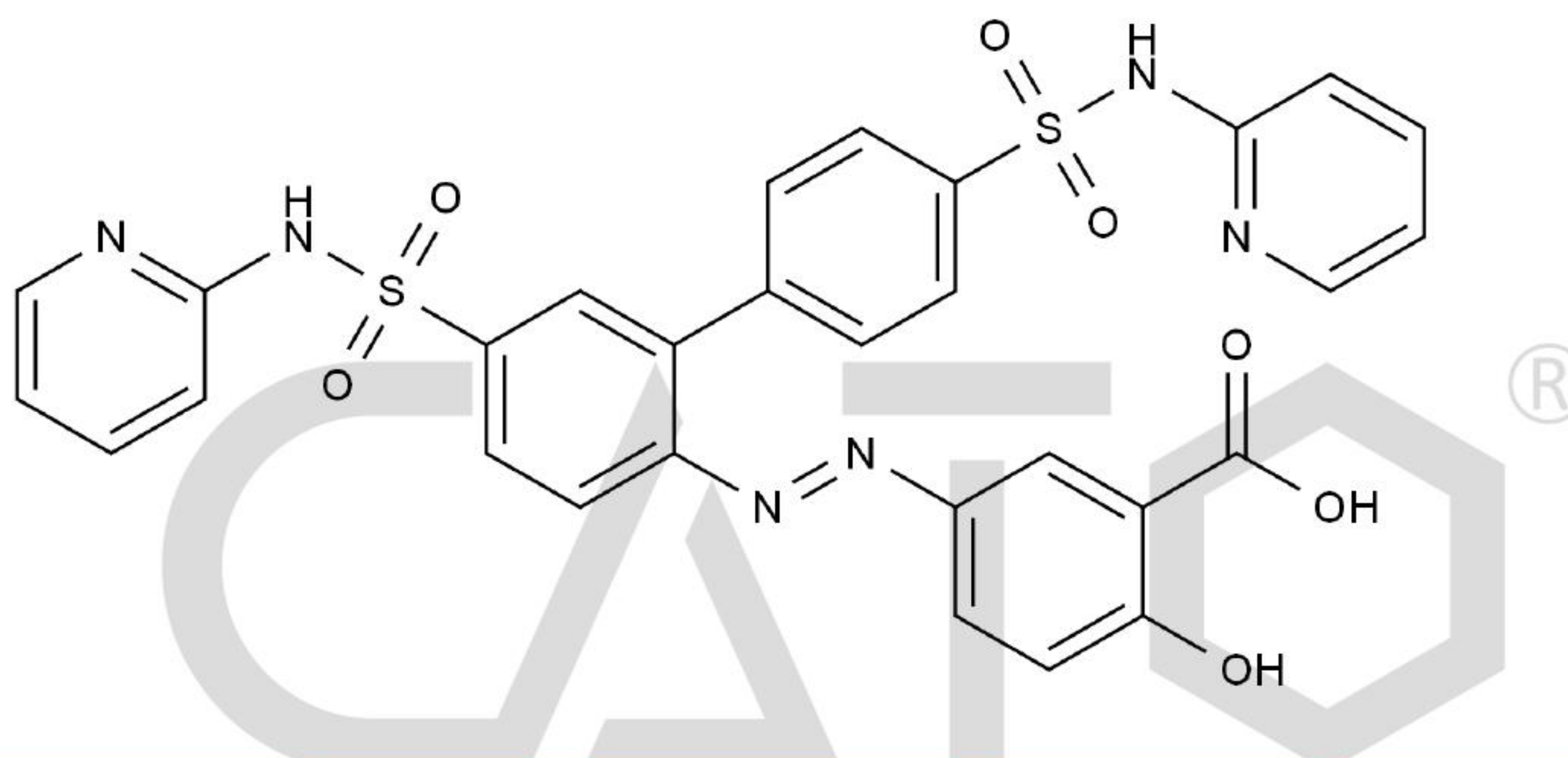


Certificate of Analysis

Reference Material & Standard

Product Name:	Sulfasalazine EP Impurity G	Catalogue Number:	C4X-14197
Synonyms:	N/A	Lot Number:	1211-RG-0092
CAS Number:	1391062-37-5	Expiry Date:	Nov 23, 2029
Molecular Formula:	C ₂₉ H ₂₂ N ₆ O ₇ S ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	630.65	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Orange Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	92.681%
Water Content	Karl Fischer	0.18%
Residual Solvents	NMR	0.66% formic acid
Assay		91.9%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Dec 12, 2025

Date: Dec 12, 2025

Date: Dec 12, 2025



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