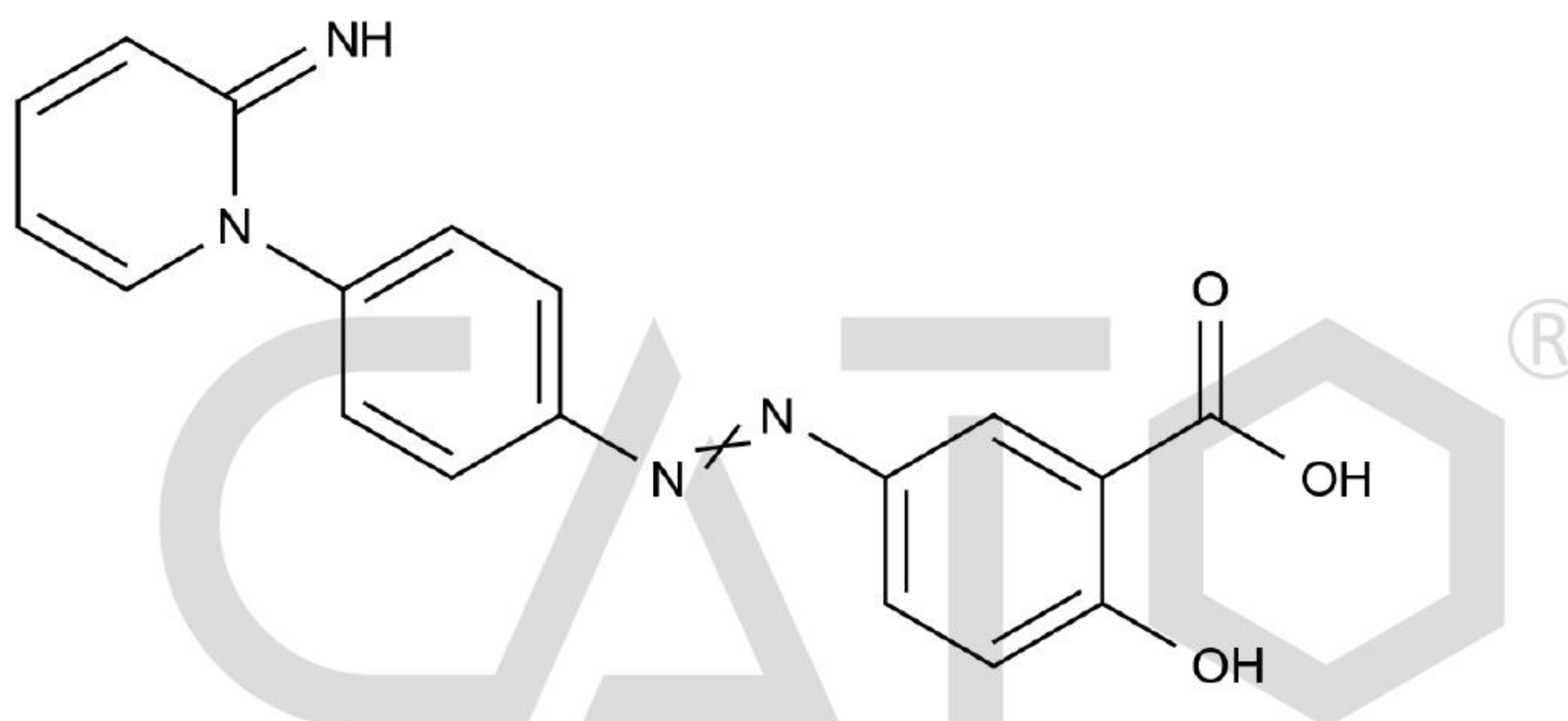


Certificate of Analysis

Reference Material & Standard

Product Name:	Sulfasalazine EP Impurity C	Catalogue Number:	C4X-14193
Synonyms:	N/A	Lot Number:	1208-RG-0057
CAS Number:	66030-25-9	Expiry Date:	Sep 13, 2029
Molecular Formula:	C ₁₈ H ₁₄ N ₄ O ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	334.33	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	98.583%
Water Content	Karl Fischer	4.80%
Residual Solvents	NMR	0.18% acetic acid
Assay		93.7%

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



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

