

Certificate of Analysis

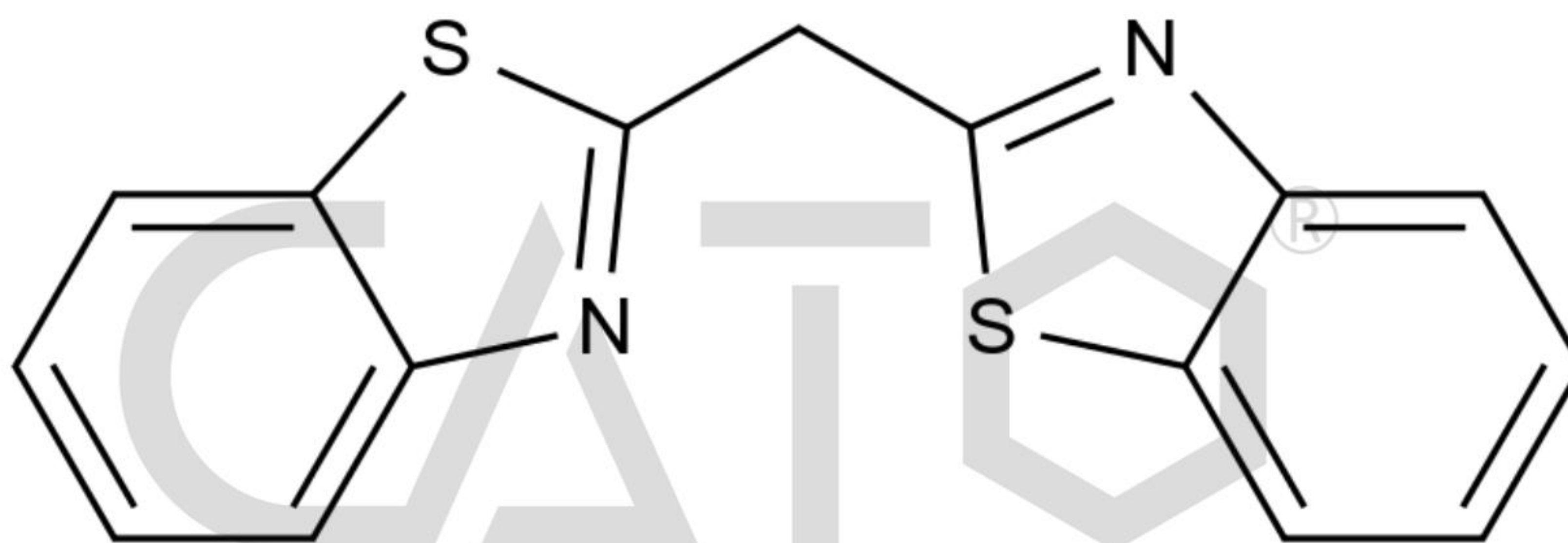
Reference Material & Standard

Product Name:	Dotinurad Impurity 55	Catalogue Number:	C4X-249455
Synonyms:	N/A	Lot Number:	1222-RG-0072
CAS Number:	1945-78-4	Expiry Date:	Dec 21, 2027
Molecular Formula:	C ₁₅ H ₁₀ N ₂ S ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	282.38	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	98.991%
Loss On Drying	TGA	0.1223%
Assay		98.9%

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:

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Date: Dec 22, 2025

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