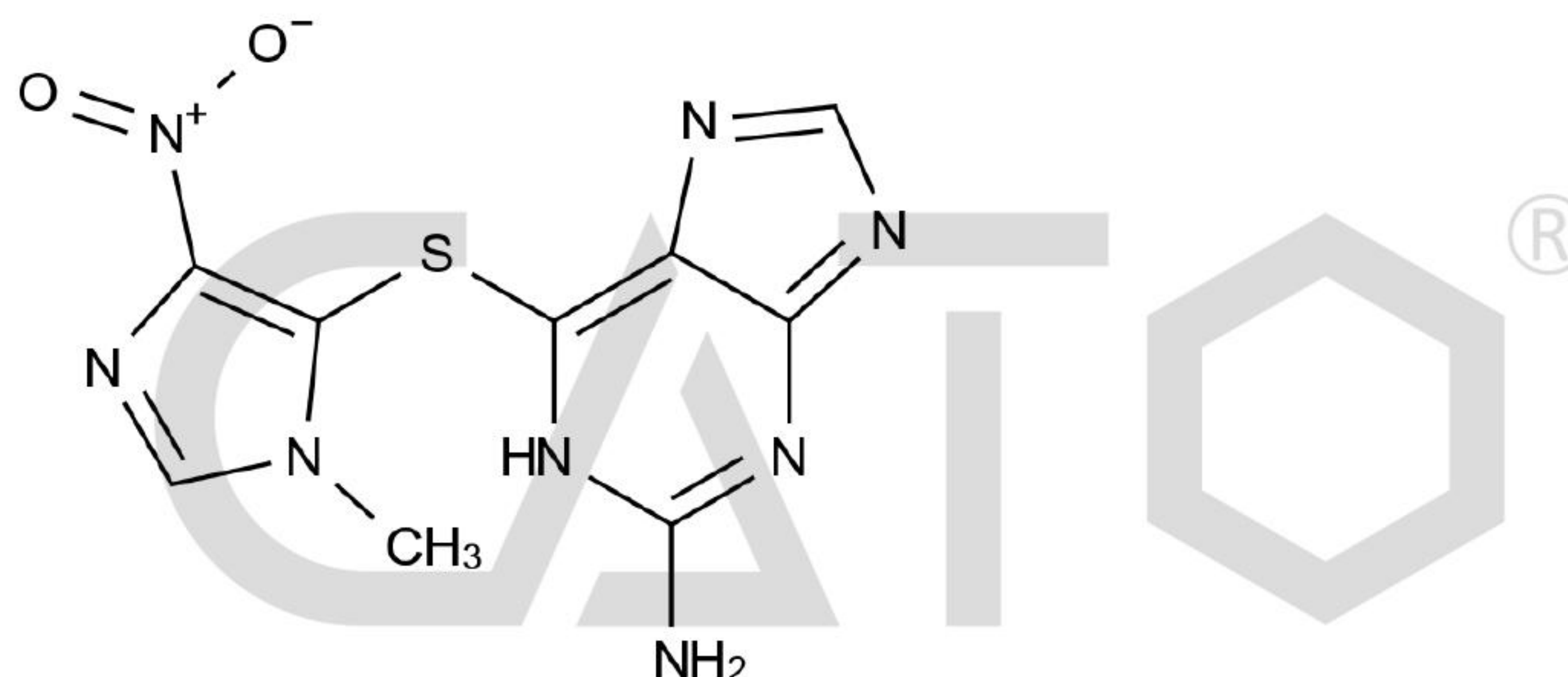


Certificate of Analysis

Reference Material & Standard

Product Name:	Azathioprine EP Impurity G (Thiamiprine)	Catalogue Number:	C1790272
Synonyms:	N/A	Lot Number:	1029-RG-0040
CAS Number:	5581-52-2	Expiry Date:	Oct 30, 2029
Molecular Formula:	C ₉ H ₈ N ₈ O ₂ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	292.28	Shipping Condition:	Shipping with Ice Packs
Solubility:	DMSO	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.451%
Loss On Drying	TGA	0.2724%
Assay		99.2%

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:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Oct 31, 2025

Date: Oct 31, 2025

Date: Oct 31, 2025



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