

Certificate of Analysis

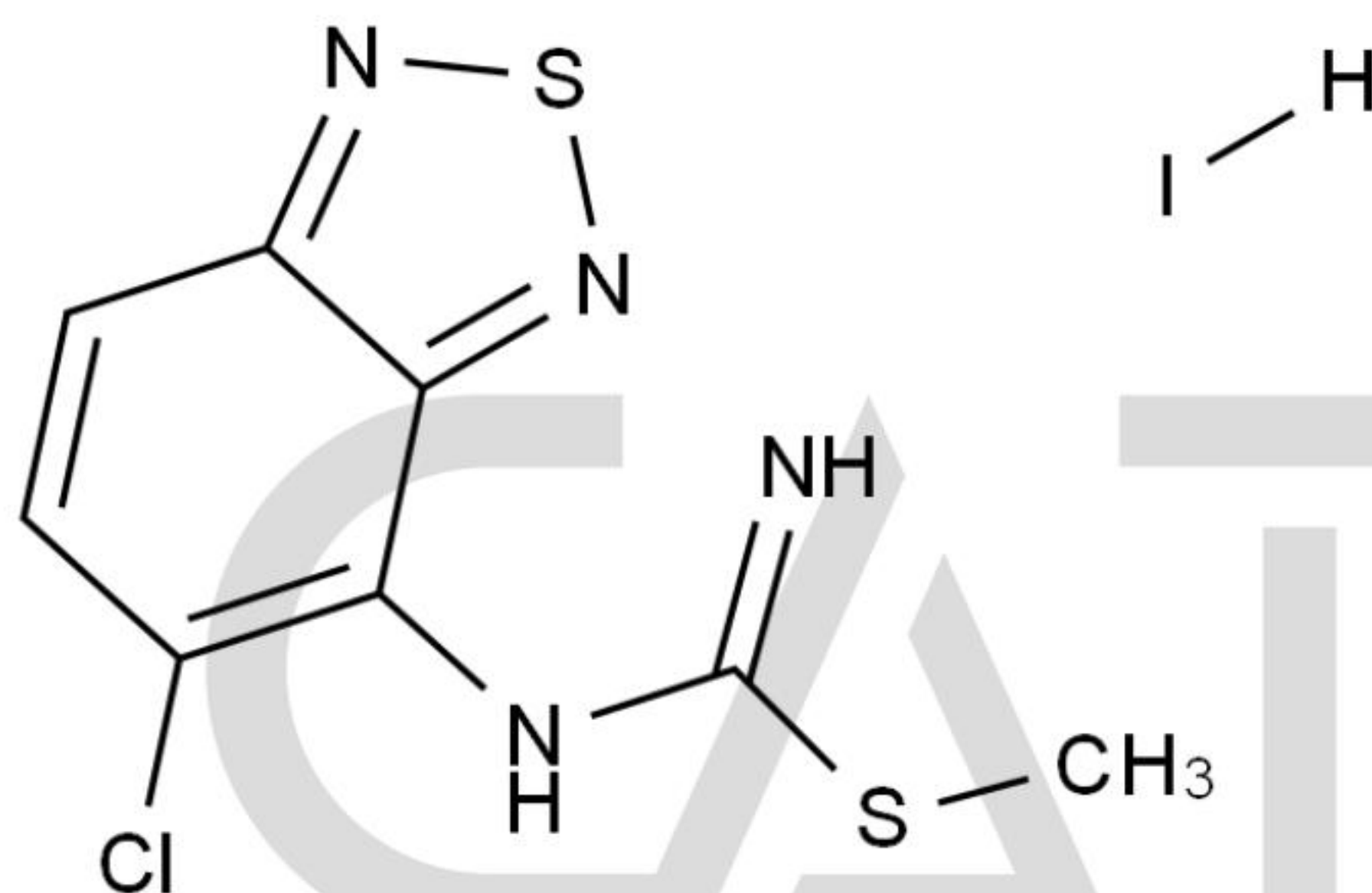
Reference Material & Standard

Product Name:	Tizanidine EP Impurity D HI	Catalogue Number:	C4X-14454
Synonyms:	N/A	Lot Number:	0811-RE-0046
CAS Number:	51323-03-6	Expiry Date:	Aug 14, 2026
Molecular Formula:	C ₈ H ₇ ClN ₄ S ₂ HI	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	258.75 127.91	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.761%
Loss on Drying	TGA	0.0268%
Assay		99.7%

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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Reviewed by:

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Date: Sep 25, 2023

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