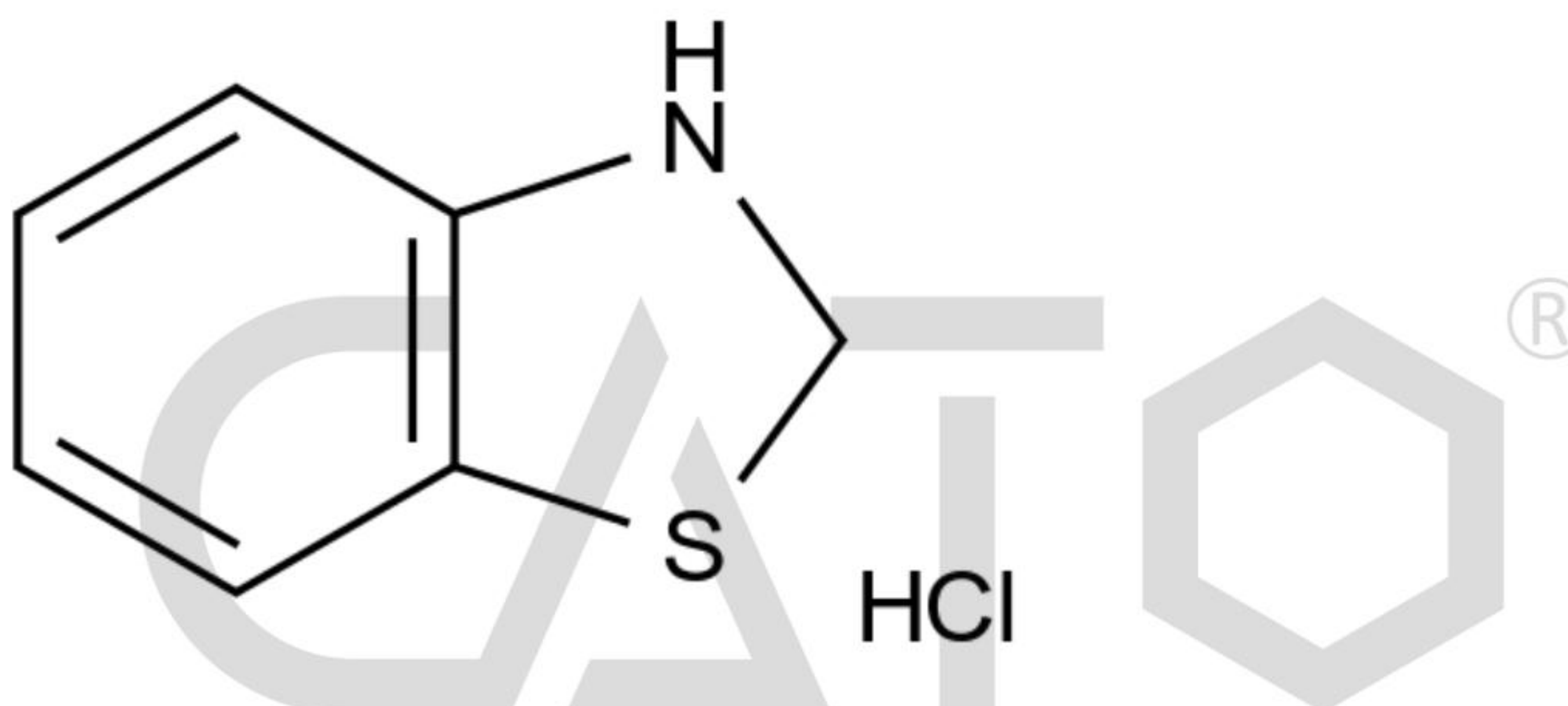


Certificate of Analysis

Reference Material & Standard

Product Name:	2,3-Dihydrobenzothiazole HCl	Catalogue Number:	C4X-249476
Synonyms:	N/A	Lot Number:	0114-RH-0067
CAS Number:	1024025-06-6 ; 4433-52-7(free base)	Expiry Date:	Jan 04, 2030
Molecular Formula:	C ₇ H ₇ NS HCl	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	137.20 36.46	Shipping Condition:	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	98.358%
Water Content	Karl Fischer	0.56%
Residual Solvents	NMR	1.40% ethyl acetate
Assay		96.4%

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: Jan 15, 2026

Date: Jan 15, 2026

Date: Jan 15, 2026



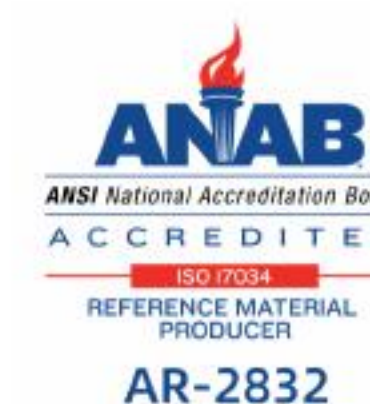
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