

Certificate of Analysis

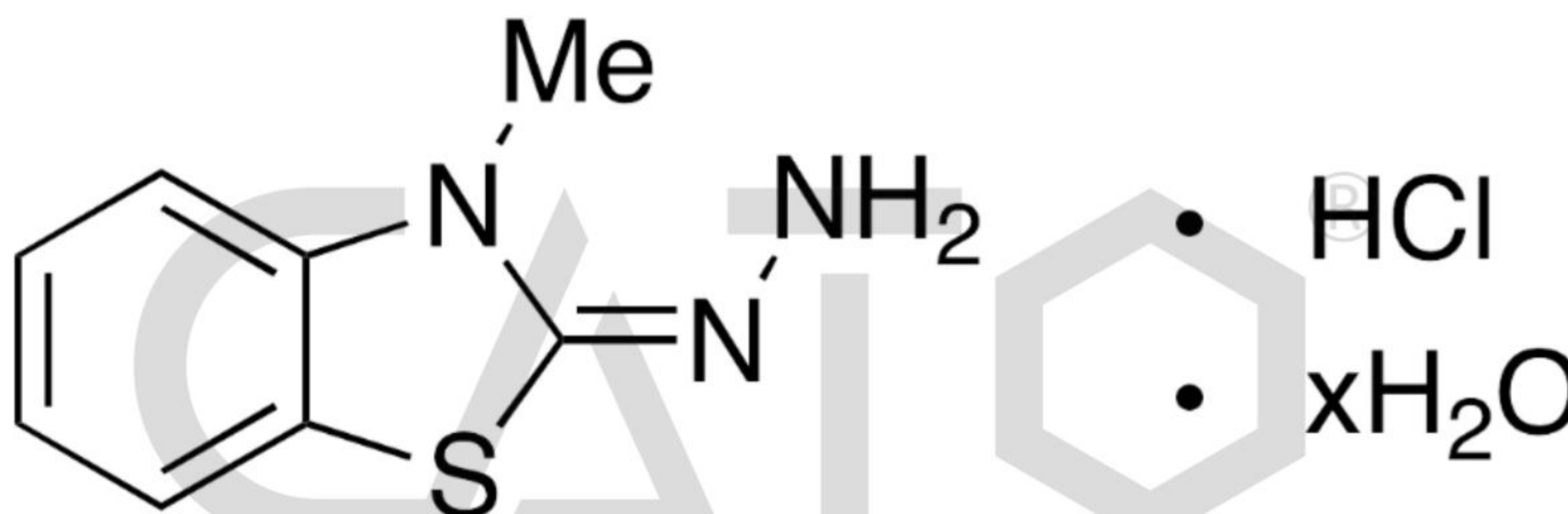
Reference Material & Standard

Product Name:	3-Methyl-2-benzothiazolinone Hydrazone Hydrochloride Hydrate	Catalogue Number:	CS219170
Synonyms:	N/A	Lot Number:	0228-RH-0019
CAS Number:	149022-15-1	Expiry Date:	Mar 02, 2030
Molecular Formula:	C ₈ H ₉ N ₃ S HCl xH ₂ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	179.24 36.46 x18.02	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.0%
Assay	qNMR	93.6%
Uncertainty		±1.3%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Mar 03, 2026

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