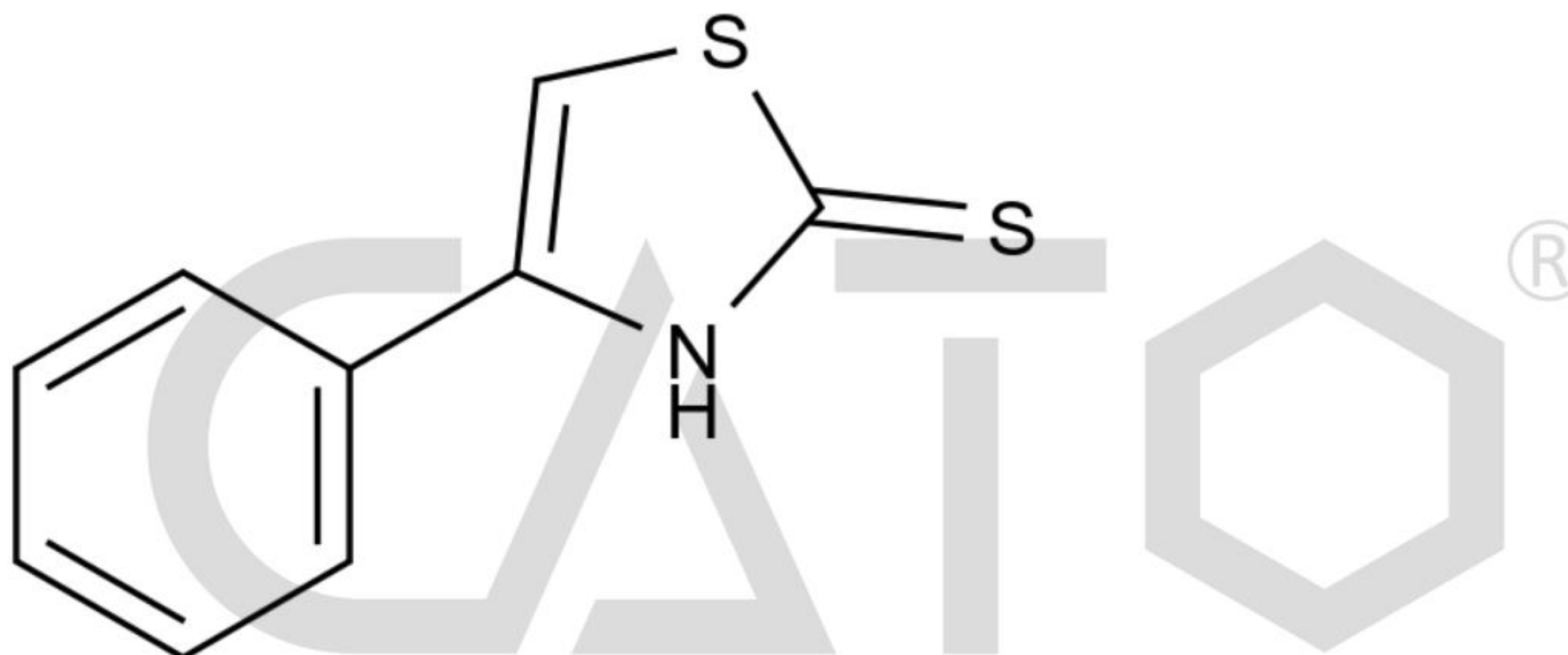


Certificate of Analysis

Reference Material & Standard

Product Name:	4-Phenylthiazole-2(3H)-thione	Catalogue Number:	C1913136
Synonyms:	N/A	Lot Number:	1203-RG-0075
CAS Number:	2103-88-0	Expiry Date:	Dec 09, 2029
Molecular Formula:	C ₉ H ₇ NS ₂	Storage:	Room Temp Protected from light and Sealed
Molecular Weight:	193.29	Shipping Condition:	Shipping at Room Temperature
Solubility:	DMSO	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	GCMS&HNMR	Confirmed
Purity	HPLC	100.0%
Assay	qNMR	90.5%
Uncertainty		±1.8%

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:

Lisa

Approved by General Manager:

David

Date: Dec 10, 2025

Date: Dec 11, 2025

Date: Dec 11, 2025



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

