

Certificate of Analysis

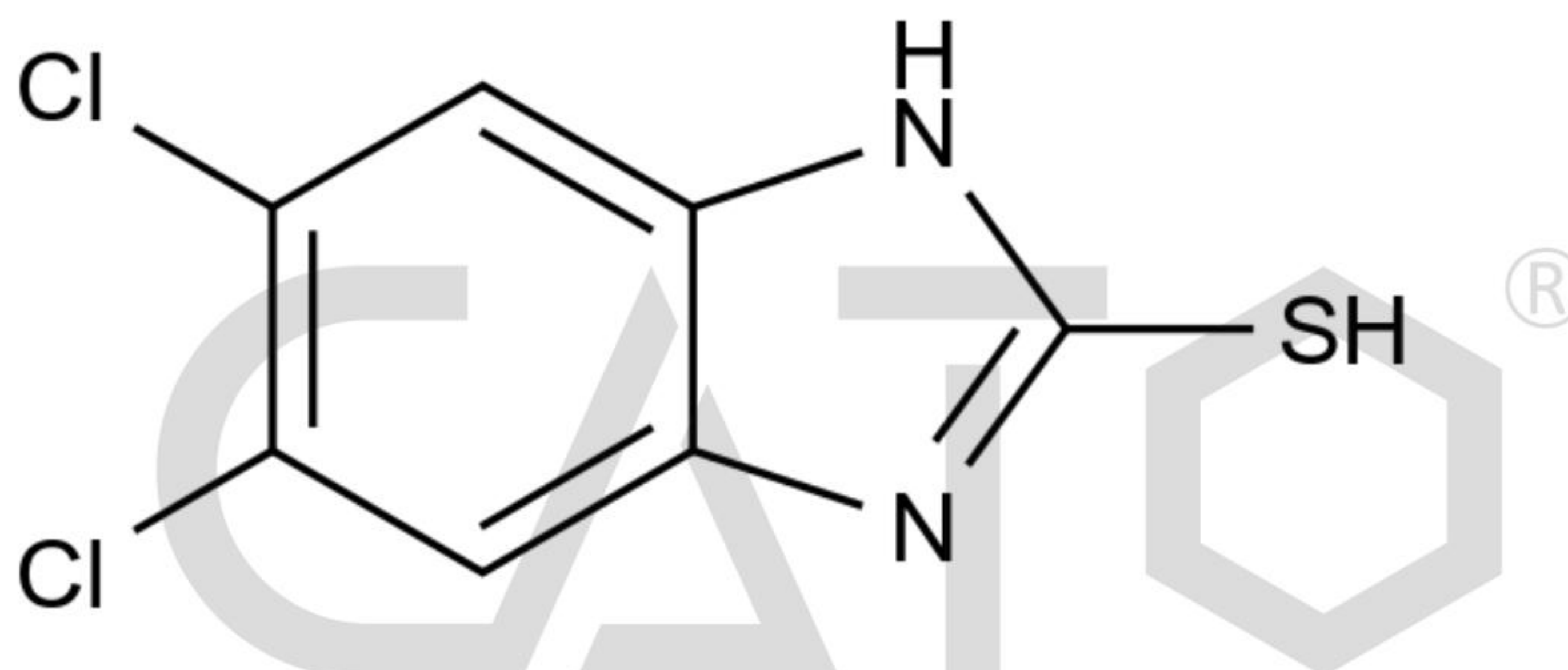
Reference Material & Standard

Product Name:	5,6-dichloro-1,3-dihydrobenzimidazole-2-thione	Catalogue Number:	C1447939
Synonyms:	N/A	Lot Number:	0601-RH-0070
CAS Number:	19462-98-7	Expiry Date:	Jun 03, 2030
Molecular Formula:	C ₇ H ₄ Cl ₂ N ₂ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	219.09	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Brown Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.065%
Loss on Drying	TGA	0.7639%
Assay		98.3%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$\text{Assay (\%)} = (100\% - \text{Loss on Drying}) * \text{Purity HPLC (\%)} / 100\%$

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: Jun 04, 2026

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