

Certificate of Analysis

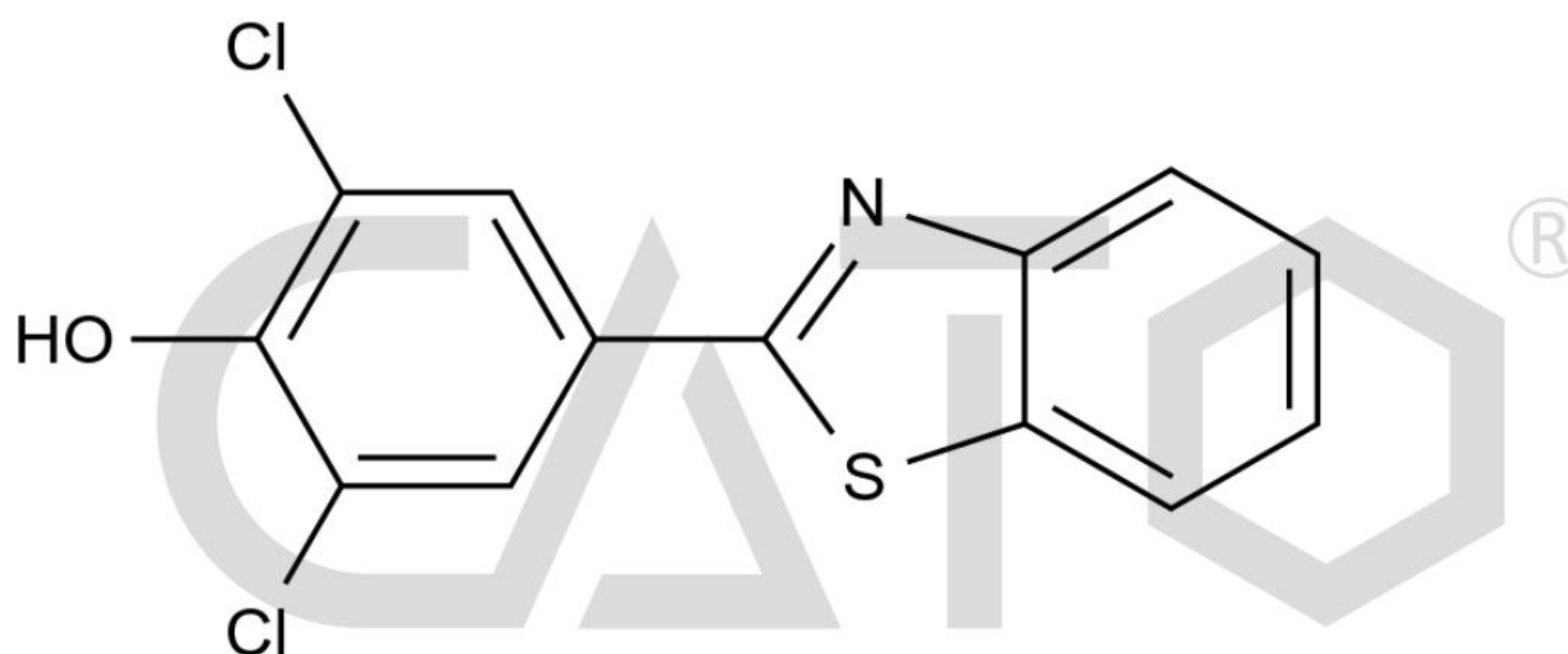
Reference Material & Standard

Product Name:	4-(1,3-Benzothiazol-2-yl)-2,6-dichlorophenol	Catalogue Number:	C1688981
Synonyms:	N/A	Lot Number:	0729-RG-0021
CAS Number:	637302-77-3	Expiry Date:	Jul 30, 2029
Molecular Formula:	C ₁₃ H ₇ Cl ₂ NOS	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	296.17	Shipping Condition:	Shipping with Ice Packs

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Cyan Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.413%
Loss on Drying	TGA	0.0711%
Assay		99.3%

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:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 31, 2025

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Page 1 of 6



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