

CERTIFICATE OF ANALYSIS

(Certificate No. KML006055-01)

Release Date: 14/04/2025

Re-test Date: 13/04/2028

3-(piperazin-1-yl)benzo[d]isothiazole hydrochloride

Identification

Chemical Name :

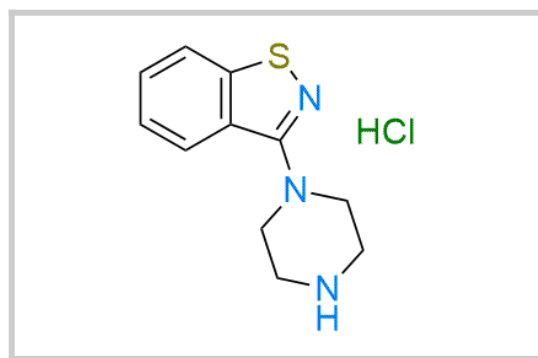
3-(piperazin-1-yl)benzo[d]isothiazole hydrochloride

CAT No. : KML006055

CAS No. : Not Available

Molecular Formula : C₁₁H₁₃N₃S : HCl

Molecular Weight : 219.3 : 36.5



Analytical Information

Batch No. : L006055-091-325

Description : Light Yellow Solid

HPLC Purity : 99.93 %

Weight Loss By TGA : 0.08 %

% Potency : 99.85 %

Solubility : Acetonitrile

Mass : Confirm

IR : Confirm

¹H NMR : Confirm

¹³C NMR : Confirm

Additional Information

Long Term Storage : Store at 2-8 deg. C for long term storage

Shipping Condition : Product is stable to be Shipped at Room Temperature

% Potency = [100 - 0.08(Weight Loss By TGA)] x [99.93(HPLC Purity)]/100 = 99.85 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		21/04/2025
Reviewed & Approved By	Quality Control	Jatin Patel		21/04/2025

Attachments : COA, HPLC, MASS, ¹HNMR, ¹³CNMR, IR and TGA