

Analysis Date: 21-05-2025

Re-test Date: 21-05-2028

ALBENDAZOLE MERCAPTO ANALOG

Identification

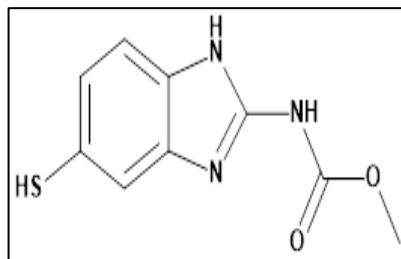
Chemical Name : Methyl (5-mercapto-1H-benzimidazol-2-yl)carbamate

CAT No : ALL-ABZ-76

CAS No : 79213-76-6

Molecular Formula : C₉H₉N₃O₂S

Molecular Weight : 223.25



Analytical Information

Batch Code : ALL-ABZ-76

Solubility : MeOH: ACN

Appearance of Product : Off White Solid

Long Term Storage : 2-8 °C

Weight Content By TGA : 0.620%

Residue Of Ignition : 0.519%

HPLC Purity : 98.04%

Potency : 96.92%

Mass : Confirm

IR Analysis : Confirm

¹H NMR : Confirm

Additional Information

%Potency = [100 - (Inorganic Impurities % + Water %) × Chromatographic Purity%]/100 =

[100 - (0.620+0.519× 98.04)]/100 = 96.92%

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadse Jr. Executive	
Approved By	QA&QC	Dr. Ashish Keché Director QA&QC	

Attachment : HPLC, Mass, ¹H NMR, IR, TGA

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office

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