

CERTIFICATE OF ANALYSIS

(Certificate No. KMC014016-01)

Release Date: 25/08/2025

Re-test Date: 24/08/2028

Clobazam Benzimidazolium Impurity

Identification

Chemical Name :

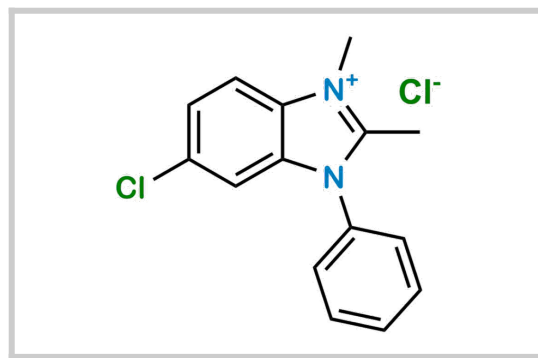
(6-Chloro-2,3-dimethyl-1-phenyl-1H-benzimidazol-3-ium chloride) (as per USP)

CAT No. : KMC014016

CAS No. : 75524-10-6

Molecular Formula : C₁₅H₁₄ClN₂ : Cl

Molecular Weight : 257.7 : 35.5



Analytical Information

Batch No. : CLO-BENZO-011-100

Description : Off White solid

HPLC Purity : 99.83 %

Weight Loss By TGA : 5.86 %

% Potency : 93.98 %

Solubility : DMSO

Mass : Confirm

IR : Confirm

¹H 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 - 5.86(Weight Loss By TGA)] x [99.83(HPLC Purity)]/100 = 93.98 %

-Re-tested on 25.08.2025

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		25/08/2025
Reviewed & Approved By	Quality Control	Jatin Patel		25/08/2025

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