

CERTIFICATE OF ANALYSIS

(Certificate No. KMT003004-01)

Release Date: 18/09/2023

Re-test Date: 17/09/2026

Temazepam EP Impurity C

Identification

Chemical Name :

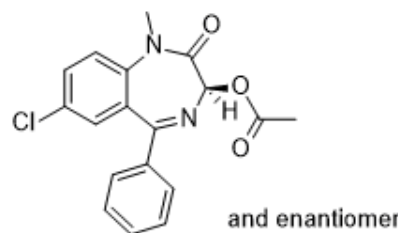
(3RS)-7-chloro-1-methyl-2-oxo-5-phenyl-2,3-dihydro-1H-1,4-benzodiazepin-3-yl acetate

CAT No. : KMT003004

CAS No. : 18818-64-9

Molecular Formula : C₁₈H₁₅ClN₂O₃

Molecular Weight : 342.78



Analytical Information

Batch No. : TEM-IMP-C-045-269

Description : White Solid

HPLC Purity : 98.72 %

Weight Loss By TGA : 2.15 %

% Potency : 96.6 %

Solubility : ACN

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 - 2.15(Weight Loss By TGA)] x [98.72(HPLC Purity)]/100 = 96.6 %

Remarks : COA Re-generated on 25.05.2024

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		25/05/2024
Reviewed & Approved By	Quality Control	Jatin Patel		25/05/2024

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