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CERTIFICATE OF ANALYSIS

Analysis Date: May 2025

Re-test Date: Apr 2028

Product Name: Clonidine EP Impurity B

Identification:

Chemical Name: 1-(2-((2,6-Dichlorophenyl)amino)-4,5-dihydro-1H-imidazol-1-yl)ethan-1-one

Synonyms : Clonidine USP Related
Compound A

CAS Number : 54707-71-0

CAT Number : CP-C31002

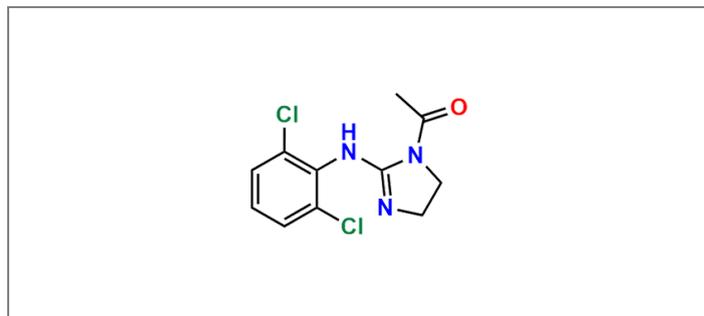
Molecular Formula : C₁₁H₁₁Cl₂N₃O

Molecular Weight : 272.13

Batch Number : CP-CLO-B-0525

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



Analytical Information:

Sr. No.	Test	Result
1)	Description	Off White Solid
2)	Solubility	Soluble in Methanol ,DMSO
3)	MASS By LCMS	Confirm to Structure by mass
4)	Purity by HPLC	92.70%
5)	¹ H NMR	Confirm to Structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	0.770%
8)	Potency by TGA	91.92%



Prepared and Reviewed By

Ms Priyanka Salunkhe
(Quality Control)

Approved By

Ms Rohini Gagare
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.