CERTIFICATE OF ANALYSIS

(Certificate No. KMR004002-01)

Release Date: 17/06/2024 **Re-test Date:** 16/06/2027

RK-I Impurity of Risperidone

Identification

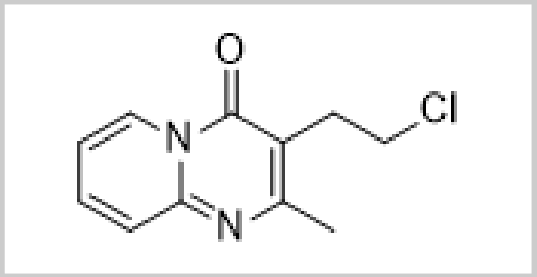
Chemical Name :
3-(2-chloroethyl)-2-methyl-4H-pyrido[1,2-a]pyrimidin-4-one

CAT No. : KMR004002

CAS No. : 41078-70-0

Molecular Formula : C11H11ClN2O

Molecular Weight : 222.67



Analytical Information

Batch No.	: RIS-IMP-4-073-266	**Solubility**	: ACN
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 99.75 %	**IR**	: Confirm
Weight Loss By TGA	: 0.12 %	**1H NMR**	: Confirm
% Potency	: 99.63 %		

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 - 0.12(Weight Loss By TGA)] x [99.75(HPLC Purity)]/100 = 99.63 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		18/06/2024
Reviewed & Approved By	Quality Control	Jatin Patel		18/06/2024

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