

Analysis Date: 27-12-2025

Re-test Date: 27-12-2028

ABEMACICLIB IMPURITY 44

Identification

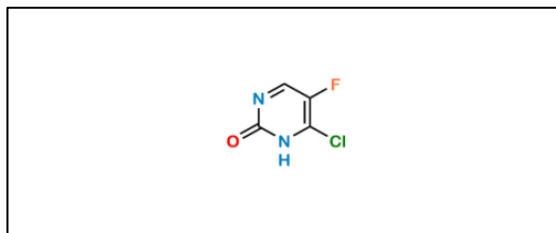
Chemical Name : 6-Chloro-5-fluoropyrimidin-2(1H)-one

CAT No : ALL-A07551

CAS No : 22462-34-6

Molecular Formula : C₄H₂ClFN₂O

Molecular Weight : 148.5



Analytical Information

Batch No.	: ALL-A07551	HPLC Purity	: 98.00 %
Solubility	: MeOH: ACN	Potency	: 96.84 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: 2-8 0C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.642 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.539 %		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.642 + 0.539) × 98.00]/100 = 96.84 %

Recommendation : Released

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