

Analysis Date: 01-01-2026

Re-test Date: 01-01-2029

ACADESINE

Identification

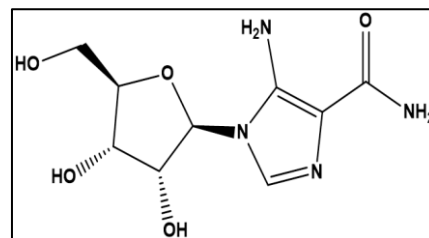
Chemical Name : 5-Amino-1-[(2R,3R,4S,5R)-3,4-dihydroxy-5-(hydroxymethyl)oxolan-2-yl]-1H-imidazole-4-carboxamide

CAT No : ALL-ACAD-1

CAS No : 2627-69-2

Molecular Formula : C₉H₁₄N₄O₅

Molecular Weight : 258.23



Analytical Information

Batch No	: ALL-ACAD-1	HPLC Purity	: 98.00 %
Solubility	: Methanol, DMSO	Potency	: 95.93 %
Appearance of Product	: Off White Solid	Mass	: Confirm
Long Term Storage	: -20°C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.906 %	¹H NMR	: Confirm
Residue Of Ignition	: 1.199%		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.906+1.199) × 98.00]/100 = 95.93 %

Recommendation : Released

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

Attachment : HPLC, Mass, ¹H NMR, IR

Shipping Condition : All Product are stable to be shipped at room temperature, unless otherwise specified

Corporate Office