

Analysis Date: 28-01-2026

Re-test Date: 28-01-2029

METHOTREXATE 7-CYANO DIMETHYL ESTER

Identification

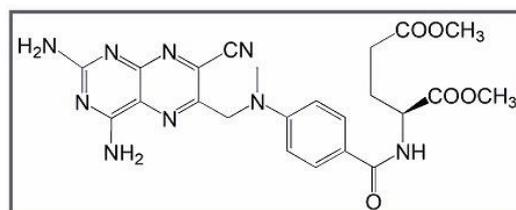
Chemical Name : (S)-Dimethyl 2-(4-(((2,4-diamino-7-cyanopteridin-6-yl)methyl)(methyl)amino)benzamido)pentanedioate

CAT No : ALL-MET-390

CAS No : 112163-39-0

Molecular Formula : C₂₃H₂₅N₉O₅

Molecular Weight : 507.5



Analytical Information

Batch No	: ALL-MET-390	HPLC Purity	: 98.00 %
Solubility	: USP Diluent / EP Diluent (MEOH)	Potency	: 97.38 %
Appearance of Product	: OFF WHITE SOLID	Mass	: Confirm
Long Term Storage	: 2-8 0C	IR Analysis	: Confirm
Weight Loss By TGA	: 0.063 %	¹H NMR	: Confirm
Residue Of Ignition	: 0.564 %		

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.063 + 0.564) × 98.00]/100 = 97.38 %

Recommendation : Released

	Department	Name	Signature
Prepared and Reviewed by	Analytical	Mr. Vipul Khadse 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