

Analysis Date: 23-01-2026

Re-test Date: 23-01-2029

METHOTREXATE ALPHA - TERT-BUTYL ESTER

Identification

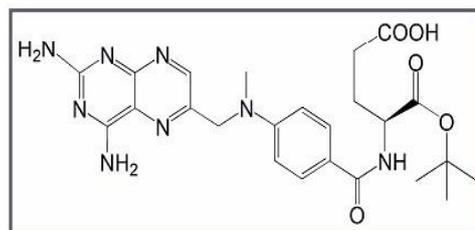
Chemical Name : (S)-5-tert-Butoxy-4-(4-(((2,4-diaminopteridin-6-yl)methyl)(methyl)amino)benzamido)-5-oxopentanoic acid ;

CAT No : ALL-MET-703

CAS No : 79640-70-3

Molecular Formula : C₂₄H₃₀N₈O₅

Molecular Weight : 510.55



Analytical Information

| | | | |
|------------------------------|-----------------------------------|-------------------------|-----------|
| Batch Number | : ALL-MET-703 | HPLC Purity | : 98.00 % |
| Solubility | : USP Diluent / EP Diluent (MEOH) | Potency | : 96.51 % |
| Appearance of Product | : Off White Solid | Mass | : Confirm |
| Long Term Storage | : 2-8 °C | IR Analysis | : Confirm |
| Weight Loss By TGA | : 0.364 % | ¹HNMR | : Confirm |
| Residue Of Ignition | : 0.745 % | | |

Additional Information

%Potency = [100 - (Weight Loss By TGA % + Residue Of Ignition %) × Chromatographic Purity%]/100 =
 [100 - (0.364 + 0.745) × 98.00]/100 = 96.51 %

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