

Certificate of Analysis

Fludarabine triphosphate (trisodium)

Cat. No.: HY-136650A **Batch No.:** 253598

Chemical Name: 9H-Purin-6-amine, 2-fluoro-9-[5-O-[hydroxy[[hydroxy(phosphonooxy)phosphinyl]oxy]phosphin

yl]-β-D-arabinofuranosyl]- (trisodium)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{10}H_{12}FN_5Na_3O_{13}P_3$

Molecular Weight: 591.12

Storage: -20°C, protect from light, stored under nitrogen

* In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

¹ H NMR Spectrum: Consistent with structure

MS: Consistent with structure

Purity (NMR): ≥95.0%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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