Certificate of Analysis

Cyclophosphamide (hydrate)

Cat. No.: HY-17420A CAS No.: 6055-19-2 Batch No.: 23124

Chemical Name: 2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide, hydrate (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_7H_{17}Cl_2N_2O_3P$

Molecular Weight: 279.10

Powder Storage: -20°C 3 years

> 4°C 2 years

* The compound is unstable in solutions, freshly prepared is recommended.

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid) ¹H NMR Spectrum: Consistent with structure

Purity (NMR): ≥98.0%

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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