

Proteins

Screening Libraries

Certificate of Analysis

Betamethasone disodium phosphate

Cat. No.: HY-13570C CAS No.: 151-73-5 Batch No.: 178474

Chemical Name: Pregna-1,4-diene-3,20-dione, 9-fluoro-11,17-dihydroxy-16-methyl-21-(phosphonooxy)-, sodium

salt (1:2), (11β,16β)-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $\mathsf{C}_{22}\mathsf{H}_{28}\mathsf{FNa}_2\mathsf{O}_8\mathsf{P}$

Molecular Weight: 516.40

Storage: 4°C, sealed storage, away from moisture

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

ANALYTICAL DATA

White to off-white (Solid) Appearance:

Purity: ≥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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