

Screening Libraries

Certificate of Analysis

2'-Deoxycytidine-5'-diphosphate (trisodium)

Cat. No.: HY-W010861 CAS No.: 151151-32-5 Batch No.: 126757

Chemical Name: Cytidine 5'-(trihydrogen diphosphate), 2'-deoxy-, trisodium salt, hydrate (9CI)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_9H_{12}N_3Na_3O_{10}P_2$

Molecular Weight: 453.12

Storage: -80°C, sealed storage, away from moisture and light

Chemical Structure:

ANALYTICAL DATA

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

Purity (LCMS): 98.45%

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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