

Choosing modified nucleosides and nucleotides

PURPOSE

Review salt form, hydration state, enzymatic compatibility, incorporation context, analytical method and storage before using modified inputs in RNA or assay workflows.

SELECTION POINTS IN THIS GUIDE

01 Salt form

02 Hydration state

03 Enzymatic compatibility

04 Incorporation context

05 Analytical method

06 Storage

PREPARE A TECHNICAL REQUEST

Target	Product name, CAS number, structure, SMILES, drawing or target material profile.
Use context	Catalog purchase, screening, custom synthesis, process development, reference standard, impurity standard or non-GMP tox material.
Quantity	Desired amount, acceptable staged delivery and expected future scale.
Specification	Target purity, salt form, counterion, water content concern, residual solvent limits and analytical method requirements.
Documentation	CoA, analytical summary, storage guidance, method notes or additional project-specific documents.
Timeline	Requested delivery window and any critical study, campaign or screening dates.

RELATED CATALOG

Modified Nucleosides

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