

How to evaluate phosphoramidites

PURPOSE

Compare base identity, protecting groups, 2' modification, coupling performance, storage sensitivity and downstream deprotection compatibility before choosing a monomer.

SELECTION POINTS IN THIS GUIDE

01 Base identity

02 Protecting groups

03 2-prime modification

04 Coupling performance

05 Storage sensitivity

06 Downstream deprotection compatibility

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

DNA Phosphoramidites

[Browse at bxlab.com](https://bxlab.com)