

Selecting sulfurizing reagents and coupling activators

PURPOSE

Match reagent identity, solubility, reaction rate, odor/safety profile, byproduct behavior and process scale to the desired oligonucleotide synthesis workflow.

SELECTION POINTS IN THIS GUIDE

01 Reagent identity

02 Solubility

03 Reaction rate

04 Odor and safety profile

05 Byproduct behavior

06 Process scale

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

Sulfurizing Reagents

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