

Working with stereodefined phosphorothioate

PURPOSE

Decide first whether the sequence needs defined Rp/Sp configuration at all, then choose the chiral auxiliary that delivers it - DPSE or PSM, D or L. Plan the diastereomeric reference standards before the campaign rather than after: without them the configuration cannot be demonstrated.

SELECTION POINTS IN THIS GUIDE

01 Need for defined Rp/Sp configuration

02 Chiral auxiliary: DPSE or PSM

03 Auxiliary configuration: D or L

04 Diastereomeric reference standards

05 Configuration demonstration plan

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

Stereopure PS Reagents and Activators

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