

Chemistry Service Unit

Nucleoside Chemistry Research



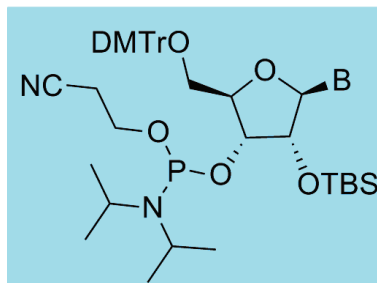
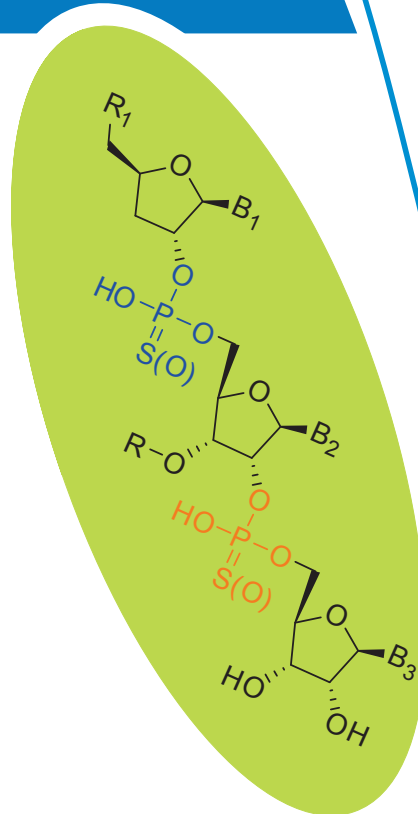
Nucleoside Chemistry Research Center (NCRC) at WuXi AppTec is specialized in nucleoside compound synthesis, purification and characterization. The team has extensive experience in sugar/base modifications, monomer synthesis for nucleotides, and nucleoside triphosphate synthesis. NCRC consistently provides high quality products with competitive price and a fast turnaround time.

WuXi AppTec is a global leader in providing discovery, testing and manufacturing services for the pharmaceutical, biotechnology and medical device industries. Research-driven and customer-focused, with operations in China and the U.S., WuXi AppTec offers a broad and integrated portfolio of services designed to assist our customers with cost-effective and efficient outsourcing solutions.

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NCRC's Service and Capabilities

- Sugar modified nucleosides
 - 2', 3' - deoxygenated, fluorinated, methylated, alkylated products
 - 4' - methylated, alkylated, azide replaced products
 - 5' - side chain added, amino replaced, halogenated, phosphorylated products
- Base modified nucleosides
 - Regular A, U, G, C modifications
 - C - linked base
- Monomer synthesis for nucleotide
 - 3'- diisopropylphosphoramidite synthesis
 - Experienced with different bases
- Phosphates synthesis
 - 5' - phosphoramidate, 3', 5' - cyclized phosphate
 - 5' - diphosphate, triphosphate synthesis, purification
 - Phosphate dimer, trimer synthesis



For more information on
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