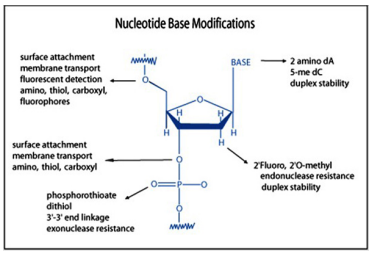
Custom DNA Conjugation (NHS)

Category	DNA Oligo Synthesis
Modification Code	CDN
Reference Catalog Number	26-6592
5 Prime	Y
3 Prime	Y
Internal	Y
Molecular Weight(mw)	0



Customer suplied modification has a setup charge of $550.00 per modification type per order. Additional per base/site charges are as listed

On occasion researchers have developed special modified bases or simply have ideas of modified bases that they wish to be incorporated in oligos. Gene Link routinely collaborates extensively with investigators. We assist in the design of oligos with special modification to impart specific characteristics. We also incorporate investigator supplied modified bases and fluorescent dyes in oligos. If it is simply an idea then we collaborate with other labs and companies for the synthesis of these novel modified bases.
See this guide for specifications and requirements. Custom Amidite, NHS & Solid Support Specifications.

This modification is a post synthesis conjugation to a primary amino group thus an additional modification with an amino group is required. A C3, C6 or C12 amino group can be placed at the 5' or for the 3' end a C3 or C7 amino and for internal positions an amino modified base is used, e.g Amino dT C6.
Yield of Post Synthesis NHS, Maleimide & Click Ligand Conjugation* Oligo Scale of Synthesis Yield, nmols 50 nmol 2 nmol 200 nmol 5 nmol 1 umol 16 nmol 2 umol 30 nmol 5 umol 75 nmol 10 umol 150 nmol 15 umol 225 nmol * The yield will be lower for oligos longer than 50mer. Click here for yield table of long oligos. *

genelink.com/newsite/products/rnaoligos.asp">Click here for RNA Oligos scale of synthesis and yield. **NHS Ligand conjugation** requires a primary amino group. Gene Link offers a wide selection of amino modifications for 5', 3' and internal sites.
Click here for a list of conjugation chemistry modifications. **Maleimide Ligand conjugation** requires a thiol group. Gene Link offers a wide selection of thiol modifications for 5', 3' and internal sites.
Click here for a list of conjugation chemistry modifications. **Click Chemistry Ligand conjugation** requires a corresponding Click modification; examples Alkyne:Azide, Azide:DBCO, BCN:Azide,
BCN:Tetrazine and TCO:Tetrazine. Gene Link offers a wide selection of click modifications for 5', 3' and internal sites. Click here for a list of click chemistry modifications.