Product Specifications

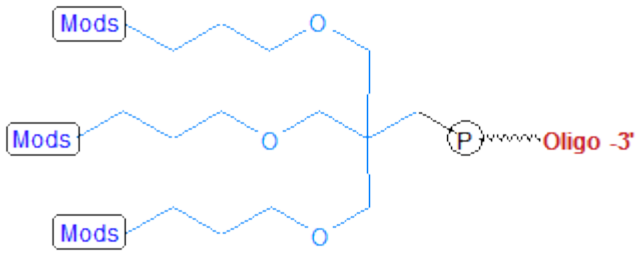
Custom Oligo Synthesis, antisense oligos, RNA oligos, chimeric oligos, Fluorescent dyes, Affinity Ligands, Spacers & Linkers, Duplex Stabilizers, Minor bases, labeled oligos, Molecular Beacons, siRNA, phosphonates Locked Nucleic Acids (LNA); 2′-5′ linked Oligos

Oligo Modifications

For research use only. Not for use in diagnostic procedures for clinical purposes.

Dendrimer Branch Trebler

Category	Dendrimer
Modification Code	DndTr
Reference Catalog Number	26-6662
5 Prime	Y
3 Prime	Y
Internal	Y
Molecular Weight(mw)	370.33



Dendrimer Branch Trebler
[26-6662-XX]

Branch Doubler C2, Branch Doubler C8, Trebler and Long Trebler Dendrimer are oligonucleotide modifications that can be added to synthetic oligos to create branches. Multiple additions of these branching modifications are primarily used to add/conjugate ligands, fluorescent labels, tags and other modifications to increase sensitivity and multiple attachment points.

The addition of multiple tags a the end of an oligo is of particular interest in nano-sensor and solid phase attachment applications. Similarly multiple ligands at the 5' end of synthetic oligo probes increases sensitivity. **Synthesis of Branched DNA with a Comb Structure.** The use of Brancher levulinyl 5-me dC modification is to generate a branch comb like structure that is capable of having different modifications, unlike dendrimer that is branched but the branches are extended with the same modification.

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