Oligo Modifications

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

Dendrimer Introduction

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.

Dendrimer Design Protocols

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Dendrimer Applications

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References

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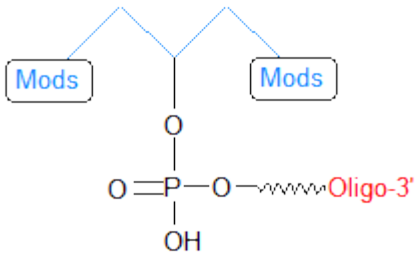
Modificaton Code List

Modification	Code	Catalog Number
Dendrimer Branch Doubler C2	[DndD-C2]	26-6660
Dendrimer Branch Doubler C8	[DndD-C8]	26-6661
Dendrimer Branch Trebler	[DndTr]	26-6662
Dendrimer Branch Trebler Long	[DndTr-L]	26-6663

Dendrimer Branch Doubler C2

Category	Dendrimer
Modification Code	DndD-C2
Reference Catalog Number	26-6660
5 Prime	Y
3 Prime	Y
Internal	Y
Molecular Weight(mw)	196



Dendrimer Branch Doubler C2
[26-6660-XX]

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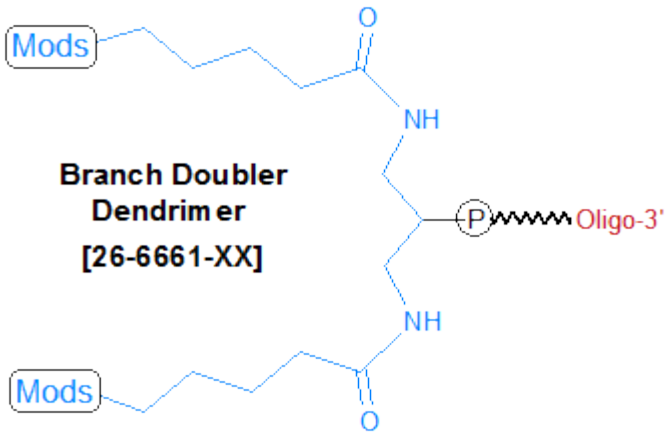
Dendrimer Branch Doubler C8

Category	Dendrimer
Modification Code	DndD-C8
Reference Catalog Number	26-6661
5 Prime	Y
3 Prime	Y
Internal	Y
Molecular Weight(mw)	351.31



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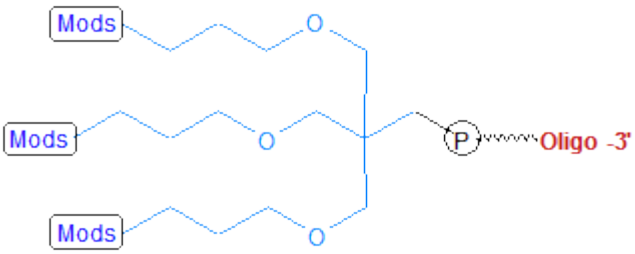
Dendrimer Branch Trebler

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]

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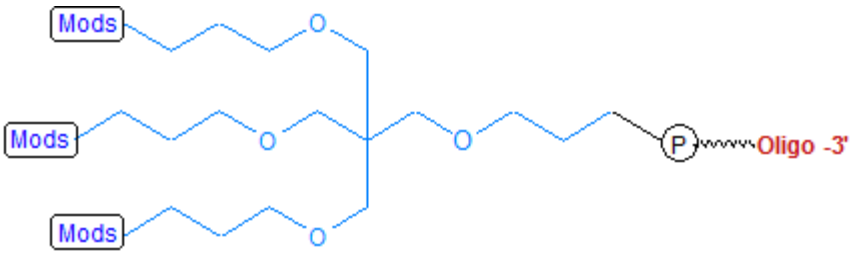
Dendrimer Branch Trebler Long

Category	Dendrimer
Modification Code	DndTr-L
Reference Catalog Number	26-6663
5 Prime	Y
3 Prime	Y
Internal	Y
Molecular Weight(mw)	428.41



Dendrimer Branch Trebler Long
[26-6663-XX]

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