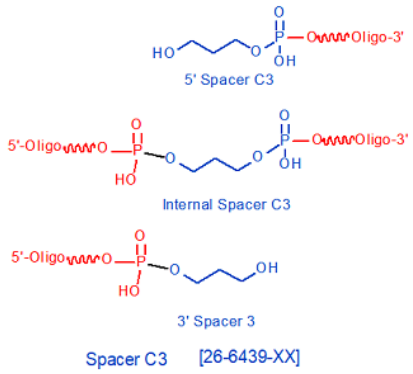
Spacer C3 Internal

Category	Spacers
Modification Code	SpC3-Int
Reference Catalog Number	26-6439I
5 Prime	Y
3 Prime	Y
Internal	Y
Molecular Weight(mw)	138.06



Spacer C3 [26-6439-XX]

Spacer C3 is a three-carbon spacer that is used to incorporate a short spacer arm into an oligonucleotide. Spacer C3 can be incorporated in consecutive additions if a longer spacer is required. Spacer C3-modified oligos have been used in a number of different applications, including protein-RNA functional studies (1), as a DNA abasic site mimic to study the utility of small synthetic ligands (such as pteridines) for nucleotide recognition in SNP typing applications (2), and for solid-phase immobilization of hybridization probes (3). Spacer C3 incorporated at the 3'-end of an oligo functions as an effective blocking agent against polymerase extension at that end in PCR reactions (4). **References**

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