



## Product Specifications

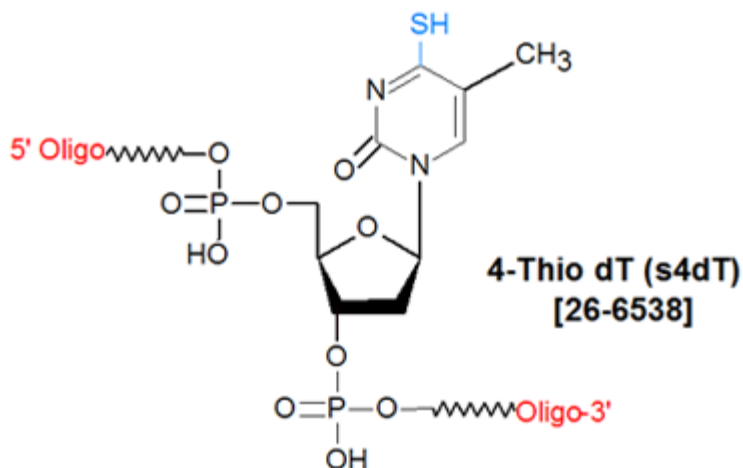
Custom Oligo Synthesis, antisense oligos, RNA oligos, chimeric oligos, Fluorescent dyes, Affinity Ligands, Spacers & Linkers, Duplex Stabilizers, Minor bases, labeled oligos, Molecular Beacons, siRNA, phosphonates Locked Nucleic Acids (LNA); 2'-5' linked Oligos

## Oligo Modifications

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

### Thio-4-dT (S4dT)

Category	Structural Studies
Modification Code	S4dT
Reference Catalog Number	26-6538
5 Prime	Y
3 Prime	Y
Internal	Y
Molecular Weight(mw)	320.26



4-Thio-dT is a very useful modification which can be used for photo crosslinking and photo affinity labeling experiments. Similarly, oligos containing 2-thio-dT are useful in examining protein DNA interaction by acting as photolabile probes. The thiocarbonyl group in 2-thio-dT is especially interesting in that it is available to react with compounds associating with the minor groove of DNA