



Product Specifications

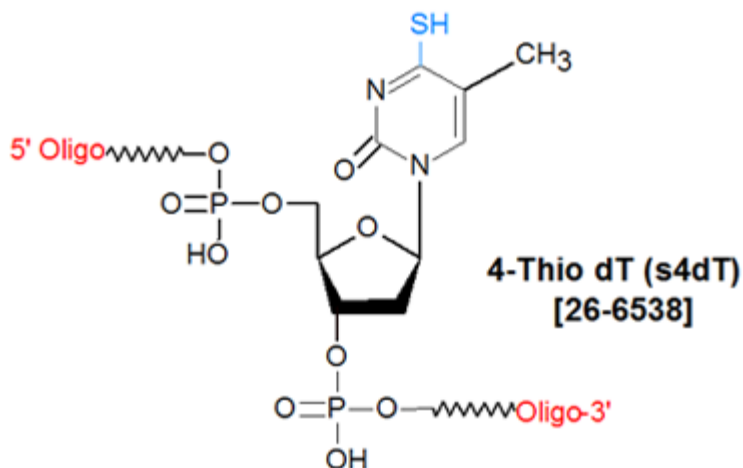
Custom Oligo Synthesis, antisense oligos, RNA oligos, chimeric oligos, Fluorescent dyes, Affinity Ligands, Spacers & Linkers, Duplex Stabilizers, Minor bases, labeled oligos, Molecular Beacons, siRNA, phosphonates Locked Nucleic Acids (LNA); 2'-5' linked Oligos

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