



## Product Specifications

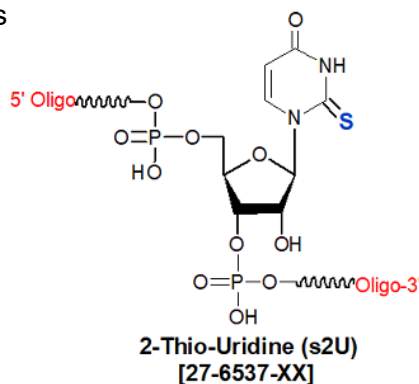
Custom Oligo Synthesis, antisense oligos, RNA oligos, chimeric oligos, Fluorescent dyes, Affinity Ligands, Spacers & Linkers, Duplex Stabilizers, Minor bases, labeled oligos, Molecular Beacons, siRNA, phosphonates Locked Nucleic Acids (LNA); 2'-5' linked Oligos

## Oligo Modifications

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

### Thio-2-rU (s2U)

Category	RNA Oligo Synthesis
Modification Code	s2U
Reference Catalog Number	27-6537
5 Prime	Y
3 Prime	Y
Internal	Y
Molecular Weight(mw)	322.22



#### References

1. Kumar, R.K.; Davis, D.R. *Nuc. Acid. Res.* 1997, 25(6), 1272-1280.
2. Testa, S.M.; Disney, M.D.; Turner, D.H.; Kierzek, R. *Biochem.* 1999, 38, 16655-16662.
3. Heuberger, B.D.; Pal, A.; Del Frate, F.; Topkar, V.V.; Szostak, J.W. *J. Am. Chem. Soc.*, 2015, 137 (7), pp 2769–2775.
4. Prywes, N.; Michaels, Y.S.; Pal, A.; Oh, S.S., Szostak, J.W. *Chem. Commun.* 2016. 52, 6529-6532.
5. a) Kumar, R.K.; Davis, D.R. *J. Org. Chem.* 1995, 60, 7726-7727. b) Gait, M.J. *Oligonucleotide Synthesis-A Practical Approach* 1990, Oxford University Press, London.