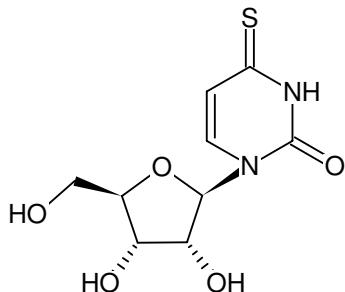



**4-Thio-uridine**

Cat. No.	Amount
N-1090-100	100 mg
N-1090-250	250 mg



Structural formula of 4-Thio-uridine

**For general laboratory use.**

**Shipping:** shipped at ambient temperature

**Storage Conditions:** store at -20 °C

**Shelf Life:** 30 months after date of delivery

**Molecular Formula:** C<sub>9</sub>H<sub>12</sub>N<sub>2</sub>O<sub>5</sub>S

**Molecular Weight:** 260.27 g/mol

**Exact Mass:** 260.04 g/mol

**CAS#:** 13957-31-8

**Purity:** ≥ 98 % (HPLC)

**Form:** solid

**Color:** white to off-white

**Solubility:** methanol

**Selected References:**

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Testa *et al.* (1999) Thermodynamics of RNA-RNA Duplexes with 2- or 4-Thiouridines: Implications for Antisense Design and Targeting a Group I Intron. *Biochemistry* **38**:16655.

Dontsova *et al.* (1994) Stem-loop IV of 5S rRNA lies close to the peptidyltransferase center. *Proc. Natl. Acad. Sci. USA* **91** (10):4125.

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Bartholomew *et al.* (1986) RNA contacts subunits Ilo and IIc in HeLa RNA polymerase II transcription complexes. *J. Biol. Chem.* **261** (30):14226.

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