

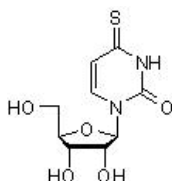
Product datasheet

4-Thiouridine, RNA synthesis inhibitor ab143718

2 References 1 Image

Overview

<b>Product name</b>	4-Thiouridine, RNA synthesis inhibitor
<b>Description</b>	Ribonucleoside analog. Antisense agent. RNA synthesis inhibitor.
<b>Biological description</b>	Ribonucleoside (Uridine <a href="#">ab143255</a> ) analog. Antisense agent. RNA synthesis inhibitor. Modifies oligos slated for RNA. Induces p53 and inhibits proliferation. Metabolically labels RNA for stability studies.
<b>Purity</b>	> 99%
<b>CAS Number</b>	13957-31-8
<b>Chemical structure</b>	



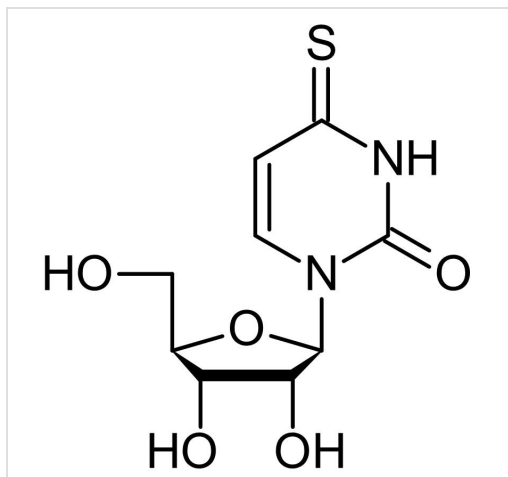
Properties

<b>Chemical name</b>	4-Thiouridine
<b>Molecular weight</b>	260.26
<b>Molecular formula</b>	C <sub>9</sub> H <sub>12</sub> N <sub>2</sub> O <sub>5</sub> S
<b>PubChem identifier</b>	3954028
<b>Storage instructions</b>	Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.
<b>Solubility overview</b>	Soluble in water to 100 mM
<b>Handling</b>	Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.  Need more advice on solubility, usage and handling? Please visit our <a href="#">frequently asked questions (FAQ) page</a> for more details.
<b>SMILES</b>	C1=CN(C(=O)NC1=S)C2C(C(C(O)CO)O)O

Source

Synthetic

## Images



Chemical Structure - 4-Thiouridine, RNA synthesis inhibitor (ab143718)

2D chemical structure image of ab143718, 4-Thiouridine, RNA synthesis inhibitor

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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