4-Thio-UTP
s4UTP, 4sUTP
4-Thio-uridine-5’-triphosphate, Sodium salt

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>NU-1156S</td>
<td>10 µl (100 mM)</td>
</tr>
<tr>
<td>NU-1156L</td>
<td>5 x 10 µl (100 mM)</td>
</tr>
</tbody>
</table>

Structural formula of 4-Thio-UTP

For research use only!

Shipping: shipped on blue ice
Storage Conditions: store at -20 °C
Short term exposure (up to 1 week cumulative) to ambient temperature possible.

Shelf Life: 12 months after date of delivery
Molecular Formula: C₉H₁₅N₂O₁₄P₃S (free acid)
Molecular Weight: 500.20 g/mol (free acid)
Purity: ≥ 95 % (HPLC)
Form: clear aqueous solution
Concentration: 100 mM - 110 mM
pH: 7.5 ± 0.5
Spectroscopic Properties: ƛₘₐₓ 331 nm, ε 16.3 L mmol⁻¹ cm⁻¹ (Tris-HCl pH 7.5)

Applications:
- Potent agonist for P2Y₂ and P2Y₄ receptors[1,4]
- Labeling of transcriptional complex[2]
- Influence on elongation and termination events and evoking transcriptional pause[3]

Selected References:
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