6-Thio-GTP  
6-Thio-guanosine-5’-triphosphate, Sodium salt

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>NU-1106S</td>
<td>150 Units</td>
</tr>
<tr>
<td>NU-1106L</td>
<td>750 Units</td>
</tr>
</tbody>
</table>

Selected References:

1. Lunn et al. (2008) Structural requirements for the activation of Escherichia coli CTP synthase by the allosteric effector GTP are stringent, but requirements for inhibition are lax. J. Biol Chem. 283:2010.


For research use only!

1 unit = 1 µl of a 10 mM solution

Applications:
- Allosteric effect on E.coli CTP-synthase[1]
- Inhibition of Vac-1-Rac signalling[2]
- Immunosuppression by blockade of GTPase activation[3, 4]

Purity: > 95%, clear aqueous solution, pH 7.5

Storage conditions:
Short term exposure (up to 1 week cumulative) to ambient temperature possible. Long term storage at < -20°C. If stored as recommended, Jena Bioscience guarantees optimal performance of this product for 12 months after date of delivery.

Molecular Weight: 539.24 (free acid)

Spectroscopic properties:

\[ \lambda_{max} \, 257 \, nm; \, \epsilon \, 8800; \]
\[ \lambda_{max} \, 342 \, nm; \, \epsilon \, 24800 \]

Molecular Formula: C_{10}H_{16}N_{5}O_{13}P_{3}S (free acid)

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