ATP\(_\gamma\)S, lyophilized
Adenosine-5'-\((\gamma\text{-thio})\)-triphosphate, Lithium salt

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>NU-406-25</td>
<td>25 mg</td>
</tr>
<tr>
<td>NU-406-50</td>
<td>50 mg</td>
</tr>
</tbody>
</table>

**Selected References:**


Wang et al. (1993) Mg\(\text{2+}\) and ATP or adenosine 5'-\((\gamma\text{-thio})\)-triphosphate (ATP\(\gamma\)S) enhances intrinsic fluorescence and induced aggregation which increases the activity of spinach rubisco activase. *Biochim. Biophys. Acta* 1202 (1):47.


**Molecular Formula:** \(C_{10}H_{13}N_{5}O_{12}P_{3}S\) (Anion)

**Molecular Weight:** 520.22 (Anion)

**Purity:** > 90%, lyophilized powder

**Spectroscopic Properties:** \(\lambda_{\text{max}}\) 259 nm; \(\epsilon\) 15400

**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 6 months after date of delivery.

**For research use only!**

**Please note:**
For reasons of stability, please make sure that the pH value of a solution of this product never drops below 7.0. This can be achieved by dissolving the nucleotide in a buffer of your choice (50 - 100 mM, pH 7 - 10). Dissolve and adjust concentration photometrically.