**DATA SHEET**

**Etheno-ATP (ε-ATP)**

(1,Nε-Etheno-ATP)

1,Nε-Etheno-adenosine-5’-triphosphate, Sodium salt

<table>
<thead>
<tr>
<th>Cat. No.</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>NU-1103S</td>
<td>500 Units</td>
</tr>
<tr>
<td>NU-1103L</td>
<td>5x 500 Units</td>
</tr>
</tbody>
</table>

**Applications:**

- Fluorescence quenching[^1]
- Exchange rate from G-actin and wild type[^2]
- FRET-studies on conformational changes[^3]
- Formation in erythrocytes and endothelial cells[^4]
- Fluorescence anisotropy changes during protein binding[^5]
- Influence on centromeric binding protein E associated activity[^6]

**Specific Ligands:**

- Yeast and muscle actins[^7]
- Cofilin and profilin[^6]

**Selected References:**


Singh et al. (2011) Crystal structures explain functional differences in
Etheno-ATP (ε-ATP)

(1, N⁶-Etheno-ATP)
1, N⁶-Etheno-adenosine-5'-triphosphate, Sodium salt

the two actin depolymerization factors of the malaria parasite. J. Biol. Chem. 286(32): 28256.


