



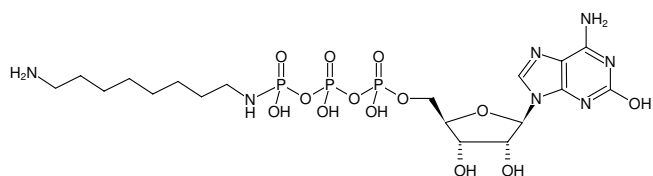
## $\gamma$ -[(8-Aminoethyl)-imido]-2-Hydroxy-ATP

$\gamma$ -[(8-Aminoethyl)-imido]-2-hydroxy-adenosine-5'-triphosphate, Sodium salt

$\gamma$ -[(8-Aminoethyl)-imido]-iso-GTP

Cat. No.	Amount
NU-843S	1 mg
NU-843L	5 mg

**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.



Structural formula of  $\gamma$ -[(8-Aminoethyl)-imido]-2-Hydroxy-ATP

**Please note:** This compound contains a phosphoramidate linkage which is hydrolyzed at pH <7.

### For general laboratory use.

**Shipping:** shipped on gel packs

**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:** C<sub>18</sub>H<sub>34</sub>N<sub>7</sub>O<sub>13</sub>P<sub>3</sub> (free acid)

**Molecular Weight:** 649.43 g/mol (free acid)

**Exact Mass:** 649.14 g/mol (free acid)

**Purity:** ≥ 95 % (HPLC)

**Form:** solid

**Color:** white to off-white

**Spectroscopic Properties:**  $\lambda_{\max}$  292 nm,  $\epsilon$  11.1 L mmol<sup>-1</sup> cm<sup>-1</sup> (Tris-HCl pH 7.5)