

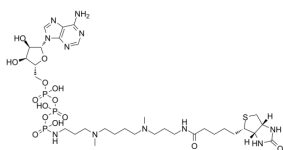
## Certificate of Analysis

<b>Product Name:</b>	ATP-polyamine-biotin
<b>Cat. No.:</b>	HY-D0183
<b>CAS No.:</b>	1800401-93-7
<b>Batch No.:</b>	21124
<b>Chemical Name:</b>	Adenosine 5'-(trihydrogen diphosphate), P'-anhydride with N-[3-[[4-[[3-[[[5-[(3aS,4S,6aR)-hexahydro-2-oxo-1H-thieno[3,4-d]imidazol-4-yl]-1-oxopentyl]amino]propyl]methylamino]butyl]methylamino]propyl]phosphoramidic acid

### PHYSICAL AND CHEMICAL PROPERTIES

<b>Molecular Formula:</b>	C <sub>32</sub> H <sub>58</sub> N <sub>11</sub> O <sub>14</sub> P <sub>3</sub> S
<b>Molecular Weight:</b>	945.85
<b>Storage:</b>	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

### Chemical Structure:



### ANALYTICAL DATA

<b>Appearance:</b>	White to off-white (Solid)
<b>LCMS:</b>	Consistent with structure
<b>Purity (LCMS):</b>	99.95%
<b>Conclusion:</b>	The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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