1. PHYSICAL AND CHEMICAL PROPERTIES

**Batch Molecular Formula:** \( \text{C}_{15}\text{H}_{21}\text{Br}_{2}\text{N}_{5}\text{O}_{12}\text{P}_{3.3}\text{Na}.5\frac{1}{2}\text{H}_{2}\text{O} \)

**Batch Molecular Weight:** 879.67

**Physical Appearance:** White solid

**Solubility:** water to 20 mM

**Storage:** Store at -20°C

**Batch Molecular Structure:**

![Structure Image]

2. ANALYTICAL DATA

**HPLC:** Shows 99.79% purity

**\(^1\text{H NMR:** Consistent with structure

**Mass Spectrum:** Consistent with structure

**Microanalysis:**

<table>
<thead>
<tr>
<th></th>
<th>Theoretical</th>
<th>Found</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon</td>
<td>20.48</td>
<td>20.11</td>
</tr>
<tr>
<td>Hydrogen</td>
<td>3.61</td>
<td>3.24</td>
</tr>
<tr>
<td>Nitrogen</td>
<td>7.96</td>
<td>7.68</td>
</tr>
</tbody>
</table>

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use

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Product Name: ARL 67156 trisodium salt
Catalog No.: 1283  Batch No.: 17

CAS Number: 1021868-83-6
IUPAC Name: 6-N,N-Diethyl-D-β,γ-dibromomethyleneATP trisodium salt

Description:
Selective NTPDase inhibitor (pIC50 = 4.62 and 5.1 in human blood and rat vas deferens respectively).

Physical and Chemical Properties:
Batch Molecular Formula: C_{18}H_{22}Br_{3}N_{2}O_{12}P_{3}·3Na·0.5H_{2}O
Batch Molecular Weight: 879.67
Physical Appearance: White solid

Minimum Purity: ≥98%

Batch Molecular Structure:

Storage: Store at -20°C

Solubility & Usage Info:
water to 20 mM

Stability and Solubility Advice:
Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:
SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.
SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

References: