1. PHYSICAL AND CHEMICAL PROPERTIES

   **Batch Molecular Formula:** \( \text{C}_{16}\text{H}_{18}\text{N}_6\text{O}_4 \)
   **Batch Molecular Weight:** 358.36
   **Physical Appearance:** White solid
   **Solubility:** DMSO to 10 mM
   **Storage:** Desiccate at +4°C

2. ANALYTICAL DATA

   **Melting Point:** At 242°C
   **HPLC:** Shows 99.1% purity
   **\(^1\)H NMR:** Consistent with structure
   **Mass Spectrum:** Consistent with structure
   **Microanalysis:**
   
<table>
<thead>
<tr>
<th></th>
<th>Carbon</th>
<th>Hydrogen</th>
<th>Nitrogen</th>
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<td>5.06</td>
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</table>

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use
**Product Name:** CV 1808  
**CAS Number:** 53296-10-9  
**IUPAC Name:** 2-Phenylaminoadenosine

**Description:**
Adenosine A₂ receptor agonist. Coronary vasodilator, antihypertensive and antipsychotic following systemic administration in vivo.

**Physical and Chemical Properties:**
- **Batch Molecular Formula:** C₁₀H₁₇N₄O₄
- **Batch Molecular Weight:** 358.36
- **Physical Appearance:** White solid

**Minimum Purity:** >99%

**Storage:** Desiccate at +4°C

**Solubility & Usage Info:**
DMSO to 10 mM

CAUTION - This product is hygroscopic and we recommend that it is desiccated upon arrival. Solutions should be made up as soon as the vial is opened.

**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:**