1. PHYSICAL AND CHEMICAL PROPERTIES

   **Batch Molecular Formula:** \( \text{C}_{17}\text{H}_{17}\text{N}_{5}\text{O}_{6}\text{S} \)
   
   **Batch Molecular Weight:** 419.41
   
   **Physical Appearance:** White solid
   
   **Solubility:** DMSO to 100 mM
   
   **Storage:** Desiccate at +4°C

2. ANALYTICAL DATA

   **HPLC:** Shows 99.8% purity
   
   **\(^1\text{H NMR:}** Consistent with structure
   
   **Mass Spectrum:** Consistent with structure
   
   **Microanalysis:**

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<thead>
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<tbody>
<tr>
<td>Theoretical</td>
<td>48.68</td>
<td>4.09</td>
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<tr>
<td>Found</td>
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<td>4.08</td>
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Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use
**Description:**
Equilibrative nucleoside transporter 1 (ENT1) inhibitor (K values are 0.4 and 2800 nM for hENT1 and hENT2 respectively).

**Physical and Chemical Properties:**
- Batch Molecular Formula: C_{17}H_{17}N_{9}O_{8}S
- Batch Molecular Weight: 419.41
- Physical Appearance: White solid

**Minimum Purity:** >99%

**Batch Molecular Structure:**

![Molecular Structure](image)

**Storage:** Desiccate at +4°C

**Solubility & Usage Info:**
DMSO to 100 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:**