1. PHYSICAL AND CHEMICAL PROPERTIES

- **Batch Molecular Formula:** \( C_{24}H_{29}F_3N_6O \)
- **Batch Molecular Weight:** 474.52
- **Physical Appearance:** White solid
- **Solubility:**
  - Ethanol to 100 mM
  - DMSO to 20 mM
- **Storage:** Store at -20°C

2. ANALYTICAL DATA

- **TLC:** \( R_f = 0.51 \) (Diethyl ether)
- **HPLC:** Shows 98.9% purity
- \(^1\text{H NMR:}\) Consistent with structure
- **Mass Spectrum:** Consistent with structure
- **Microanalysis:**
  
<table>
<thead>
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<th>Element</th>
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Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use
**Product Information**

**Product Name:** JTP 103237  
**Catalog No.:** 6765  
**Batch No.:** 1

**CAS Number:** 1883864-16-1  
**IUPAC Name:** 7-[4,6-Bis(1,1-dimethylethyl)-2-pyrimidinyl]-5,6,7,8-tetrahydro-3-[4-(trifluoromethoxy)phenyl]-1,2,4-triazolo[4,3-a]pyrazine

**Description:**

**Physical and Chemical Properties:**
- **Batch Molecular Formula:** C\(_{24}\)H\(_{29}\)F\(_3\)N\(_5\)O
- **Batch Molecular Weight:** 474.52
- **Physical Appearance:** White solid
- **Minimum Purity:** >98%

**Storage:** Store at -20°C

**Solubility & Usage Info:**
- **ethanol to 100 mM**
- **DMSO 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:**