1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: \( \text{C}_{22}\text{H}_{26}\text{N}_{2}\text{O}_{3}\cdot\text{HCl} \)
Batch Molecular Weight: 402.92
Physical Appearance: White solid
Solubility: Water to 100 mM
Storage: Store at RT

2. ANALYTICAL DATA

TLC: \( R_f = 0.41 \) (Dichloromethane:Methanol [9:1])
HPLC: Shows >99.9% purity
\(^1\text{H NMR:}\) Consistent with structure
Mass Spectrum: Consistent with structure
Microanalysis:

<table>
<thead>
<tr>
<th></th>
<th>Carbon</th>
<th>Hydrogen</th>
<th>Nitrogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>Theoretical</td>
<td>65.58</td>
<td>6.75</td>
<td>6.95</td>
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<tr>
<td>Found</td>
<td>65.77</td>
<td>6.8</td>
<td>7.06</td>
</tr>
</tbody>
</table>
Product Name: SKF 96365 hydrochloride
Catalog No.: 1147
Batch No.: 3

Description:
Store-operated Ca\(^{2+}\) entry (SOCE) inhibitor that inhibits STIM1. Also blocks TRPC channels, voltage-gated Ca\(^{2+}\) channels and potassium channels.

Physical and Chemical Properties:
- Batch Molecular Formula: C\(_{22}\)H\(_{20}\)N\(_2\)O\(_5\)HCl
- Batch Molecular Weight: 402.92
- Physical Appearance: White solid
- Minimum Purity: >99%

Solubility & Usage Info:
- Water to 100 mM

Storage: Store at RT

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: