1. PHYSICAL AND CHEMICAL PROPERTIES

   Batch Molecular Formula: \( \text{C}_{23}\text{H}_{22}\text{ClN}_{7}\text{O}_{3} \).
   Batch Molecular Weight: 479.93
   Physical Appearance: Orange solid
   Solubility: DMSO to 100 mM
   Storage: Store at RT

2. ANALYTICAL DATA

   HPLC: Shows 98.9% 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>57.56</td>
<td>57.64</td>
</tr>
<tr>
<td>Hydrogen</td>
<td>4.62</td>
<td>4.57</td>
</tr>
<tr>
<td>Nitrogen</td>
<td>20.43</td>
<td>20.27</td>
</tr>
</tbody>
</table>

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use
**Product Name:** PF 06273340  
**Catalog No.:** 6115  
**Batch No.:** 2

**CAS Number:** 1402438-74-7  
**IUPAC Name:** \( N\)-[5-[[2-Amino-7-(2-hydroxy-1,1-dimethylethyl)-7\(H\)-pyrrolo[2,3-\(d\)]pyrimidin-5-yl]carbonyl]-3-pyridinyl]-5-chloro-2-pyridineacetamide

**Description:**
PF 06273340 is a potent and selective pan-Trk inhibitor (IC\(50\) values are 1, 2 and 6 nM for Trk C, B and A, respectively). Selective for Trk over a panel of ion channels, receptors and other enzymes. Peripherally restricted. Exhibits efficacy in a rodent model of inflammatory pain. Orally bioavailable.

**Physical and Chemical Properties:**
**Batch Molecular Formula:** \( \text{C}_{23}\text{H}_{22}\text{ClN}_{3}\text{O}_{3} \)
**Batch Molecular Weight:** 479.93  
**Physical Appearance:** Orange solid  
**Minimum Purity:** \( \geq 98\% \)

**Storage:** Store at RT  
**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.

**Licensing Information:**
Sold for research purposes under agreement from Pfizer Inc.

**References:**
Skerratt 