1. PHYSICAL AND CHEMICAL PROPERTIES

**Batch Molecular Formula:** $C_{18}H_{20}FN_{3}O_{4}$

**Batch Molecular Weight:** 361.37

**Physical Appearance:** Off White solid

**Solubility:** DMSO to 100 mM

**Storage:** Store at -20°C

**Batch Molecular Structure:**

![Batch Molecular Structure](image)

2. ANALYTICAL DATA

**HPLC:** Shows 99% purity

$^1$H NMR: Consistent with structure

**Mass Spectrum:** Consistent with structure

**Microanalysis:**

<table>
<thead>
<tr>
<th>Element</th>
<th>Theoretical</th>
<th>Found</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon</td>
<td>59.83</td>
<td>59.72</td>
</tr>
<tr>
<td>Hydrogen</td>
<td>5.58</td>
<td>5.57</td>
</tr>
<tr>
<td>Nitrogen</td>
<td>11.63</td>
<td>11.48</td>
</tr>
</tbody>
</table>

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use
**Product Name:** PF 06650833  
**Catalog No.:** 6373  
**Batch No.:** 2

**Description:**  
Potent and selective IRAK4 inhibitor ($IC_{50} = 2$ nM). Inhibits LPS-induced TNF-α secretion in vivo. Orally bioavailable.

**Physical and Chemical Properties:**  
Batch Molecular Formula: $C_{18}H_{20}FN_2O_4$  
Batch Molecular Weight: 361.37  
Physical Appearance: Off White solid  
Minimum Purity: >98%

**Storage:** Store at -20°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.

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

**References:**  