1. PHYSICAL AND CHEMICAL PROPERTIES

- **Batch Molecular Formula:** $\text{C}_{22}\text{H}_{19}\text{N}_{3}\text{O}_{3}$
- **Batch Molecular Weight:** 373.4
- **Physical Appearance:** White solid
- **Solubility:** DMSO to 100 mM, ethanol to 5 mM
- **Storage:** Desiccate at RT

2. ANALYTICAL DATA

- **HPLC:** Shows 99.6% purity
- **$^1$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>70.77</td>
<td>70.95</td>
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<tr>
<td>Hydrogen</td>
<td>5.13</td>
<td>5.05</td>
</tr>
<tr>
<td>Nitrogen</td>
<td>11.25</td>
<td>11.35</td>
</tr>
</tbody>
</table>

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use
Product Name: Src I1
CAS Number: 179248-59-0
IUPAC Name: 6,7-Dimethoxy-N-(4-phenoxyphenyl)-4-quinazolinamine

Description:
Potent, competitive dual site (ATP- and peptide-binding) Src kinase inhibitor (IC_{50} values are 44 and 88 nM for Src and Lck respectively). Inhibits VEGFR2 and c-fms at higher concentrations (IC_{50} values are 0.32 and 30 μM respectively). Can be used in parallel with PP 1 (Cat. No. 1397) and PP 2 (Cat. No. 1407) to inhibit Src family kinases.

Physical and Chemical Properties:
Batch Molecular Formula: C_{22}H_{16}N_{2}O_{3}
Batch Molecular Weight: 373.4
Physical Appearance: White solid

Minimum Purity: >99%

Storage: Desiccate at RT

Solubility & Usage Info:
DMSO to 100 mM
ethanol to 5 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: