Product Name: NPC 15199
Catalog No.: 0675
Batch No.: 1

CAS Number: 35661-60-0
IUPAC Name: N-(9-Fluorenylmethoxycarbonyl)-L-leucine

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: \( C_{21}H_{23}NO_4 \)
Batch Molecular Weight: 353.42
Physical Appearance: White solid
Solubility: DMSO to 100 mM with gentle warming
Storage: Store at RT

2. ANALYTICAL DATA

TLC: \( R_f = 0.23 \) (Dichloromethane:Methanol:Ammonia soln. [9:1:0.1])
Melting Point: Between 163 - 165°C
HPLC: Shows >99.4% purity
\(^1\)H NMR: Consistent with structure
Microanalysis: Carbon Hydrogen Nitrogen

<table>
<thead>
<tr>
<th>Theoretical</th>
<th>Found</th>
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<tbody>
<tr>
<td>71.37</td>
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</tr>
<tr>
<td>6.56</td>
<td>6.58</td>
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<tr>
<td>3.96</td>
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</tbody>
</table>

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use
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CAS Number: 35661-60-0
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Description:
Anti-inflammatory agent; increases intracellular Ca^{2+} levels.

Physical and Chemical Properties:
Batch Molecular Formula: C_{21}H_{23}NO_{4}
Batch Molecular Weight: 353.42
Physical Appearance: White solid
Minimum Purity: >99%

Batch Molecular Structure:

Storage: Store at RT

Solubility & Usage Info:
DMSO to 100 mM with gentle warming

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: