Product Name: L-165,041
Catalog No.: 1856
Batch No.: 3
CAS Number: 79558-09-1
IUPAC Name: [4-[3-(4-Acetyl-3-hydroxy-2-propylphenoxy)propoxy]phenoxy]acetic acid

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: \( \text{C}_{22}\text{H}_{26}\text{O}_{7} \)
Batch Molecular Weight: 402.44
Physical Appearance: Off White solid
Solubility:
- 1eq. NaOH to 50 mM
- DMSO to 100 mM
Storage: Desiccate at RT

2. ANALYTICAL DATA

HPLC:
- Shows 99.5% purity

\(^1\)H NMR:
- Consistent with structure

Mass Spectrum:
- Consistent with structure

Microanalysis:
- Carbon
- Hydrogen
- Nitrogen

<table>
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<th>Theoretical</th>
<th>Found</th>
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<tr>
<td>6.51</td>
<td>6.5</td>
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</table>

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**Product Name:** L-165,041

**Catalog No.:** 1856  **Batch No.:** 3

**CAS Number:** 79558-09-1  
**IUPAC Name:** [4-[3-(4-Acetyl-3-hydroxy-2-propylphenoxy)propoxy]phenoxy]acetic acid

**Description:**
Potent PPARδ agonist ($K_i = 6$ nM); displays >100-fold selectivity for both mouse and human PPARδ receptors over other subtypes. Raises plasma cholesterol levels in vivo, in insulin-resistant db/db mice. Neuroprotective in models of cerebral infarction and Parkinson’s disease.

**Physical and Chemical Properties:**
- **Batch Molecular Formula:** $C_{22}H_{26}O_7$
- **Batch Molecular Weight:** 402.44
- **Physical Appearance:** Off White solid
- **Minimum Purity:** >98%

**Storage:** Desiccate at RT

**Solubility & Usage Info:**
- 1eq. NaOH to 50 mM
- 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.

**References:**

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<table>
<thead>
<tr>
<th>Region</th>
<th>Contact Details</th>
</tr>
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